



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>

Econ 8293.5



Harvard College Library

FROM

Bureau of Statistics

Public Document

No. 36

The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

TWENTY-EIGHTH ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

1913



BOSTON
WRIGHT & POTTER PRINTING COMPANY
STATE PRINTERS
1914

ORGANIZATION AND FUNCTIONS OF THE MASSACHUSETTS BUREAU OF STATISTICS

Rooms 250-253 State House, Boston

The Bureau is organized into five permanent divisions: 1. The *Administration Division*, charged with duties supervisory in relation to the several divisions; 2. The *Labor Division*, engaged in the collection and tabulation of statistical and other information relating to matters affecting labor and the condition of the working people, as well as questions of general economic and social interest; 3. The *Manufactures Division*, which collects and tabulates Statistics of Manufactures; 4. The *Municipal Division*, which collects and tabulates Statistics of Municipal Finances, audits municipal accounts and installs accounting systems in cities and towns, and supervises the issuance of town notes; 5. The *Free Employment Offices Division*, embracing the administration of the State Free Employment Offices, of which there are four, located respectively at 8 Kneeland Street, Boston; 47 Water Street, Springfield; 41 North Main Street, Fall River; and 48-52 Green Street, Worcester. During the period of taking and compiling the Census a sixth division, the *Census Division*, is organized.

The functions of the Bureau and the duties of the Director are summarized in Section 1 of Chapter 371 of the Acts of 1909, entitled "An Act to Provide for a Bureau of Statistics," as follows:

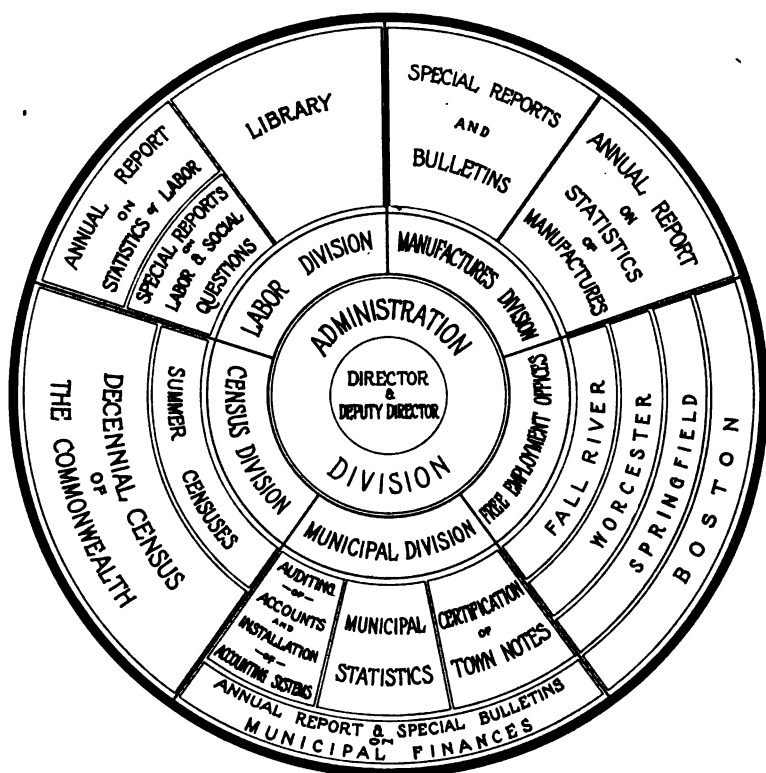
SECTION 1. There shall be a Bureau of Statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the Commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the Decennial Census of the Commonwealth required by the Constitution and present the results thereof in such manner as the General Court may determine.

APPROVED BY THE STATE BOARD OF PUBLICATION.

in-
ed
th
od
d
n
n

the
urt

The Commonwealth of Massachusetts
BUREAU OF STATISTICS
ORGANIZATION



DIRECTORS OF THE BUREAU

1869—1873	HENRY K. OLIVER
1873—1888	CARROLL D. WRIGHT
1888—1903	MORACE G. WADSWORTH
1903—1907	CHARLES F. PIDGIN
1907—	CHARLES F. GETTENDY

The Commonwealth of Massachusetts

TWENTY-EIGHTH ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

1913.

BY THE

DIRECTOR OF THE BUREAU OF STATISTICS.



BOSTON:

WRIGHT & POTTER PRINTING CO., STATE PRINTERS

32 DERNE STREET.

1914.



Commonwealth Statistics

The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

EXTRACTS FROM CHAPTER 371 OF THE ACTS OF 1909 ENTITLED "AN ACT TO PROVIDE FOR A BUREAU OF STATISTICS."

SECTION 1. There shall be a bureau of statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the decennial census of the commonwealth required by the constitution and present the results thereof in such manner as the general court may determine.

SECTION 4. The director of the said bureau is authorized to prepare a schedule or blank form for the collection of such data as may be, in his judgment, desirable for the proper presentation of statistics of manufactures and the promotion of the industrial welfare of the commonwealth, and the said schedule, unless modified by the director, shall embody inquiries as to, —

- (1) Name of person, partnership or corporation.
- (2) Kind of goods manufactured or business done.
- (3) Number of partners or stockholders.
- (4) Capital invested.
- (5) Principal stock or raw material used, and total value thereof.
- (6) Gross quantity and value of articles manufactured.
- (7) Average number of persons employed, distinguishing as to sex, adults, and children.
- (8) Smallest number of persons employed, and in what month.
- (9) Largest number of persons employed, and in what month.
- (10) Total wages, not including salaries of managers, paid during the year, distinguishing as to sex, adults, and children.
- (11) Proportion that the business of the year bore to the greatest capacity for production of the establishment.
- (12) Number of weeks in operation during the year, part time being reduced to full time.

The said schedule shall be sent by mail annually, on or before the fifteenth day of December, to the owner, operator, or manager of every manufacturing establishment in the commonwealth, and such owner, operator, or manager, or any other person to whom the schedule or blank form is sent shall answer the inquiries thereon and return the same to the bureau properly certified as to its accuracy, not later than the following twentieth day of January: *provided, however*, that the director may, in his discretion, extend the time for returning the schedule beyond said twentieth day of January.

APPROVED BY THE STATE BOARD OF PUBLICATION.

CONTENTS.

	PAGE
INTRODUCTION,	v-xxxviii
The statistics for 1913 cover reports from 8,405 establishments,	v
Comparisons of the totals for the years 1909 and 1913,	vi
The scope of the report for 1913 as compared with that of the Census,	v, vi
Comparisons of the totals for the years 1907-1913, inclusive,	vii
Comparisons for the principal industries for which the annual returns are as complete as those of a census,	vii-xvi
Boots and shoes, exclusive of cut stock and findings,	xi
Cotton goods, including cotton small wares,	xii
Electrical machinery, apparatus, and supplies,	xiii
Leather, tanned, curried, and finished,	xiv
Paper and wood pulp,	xv
Woolen and worsted goods, including felt goods and wool hats,	xvi
The cities,	xvii-xx
Comparisons, 1912, 1913,	xx
Metropolitan Boston,	xxi
The important industries,	xxi
Comparisons, 1910, 1911, 1912, and 1913,	xxi
The towns,	xxii
Towns prominent as manufacturing centers,	xxii
Character of ownership and value added by manufacture (total value less the cost of stock and materials),	xxiii, xxiv
Number of wage-earners and employment by months,	xxiv-xxviii
Average number of wage-earners employed each month,	xxiv-xxvii
Number of wage-earners employed on December 13, 1913,	xxvii, xxviii
Classified weekly wages and average yearly earnings,	xxviii-xxxvi
Number of wage-earners, and percentages in each wage class for the principal industries,	xxxii-xxxv
Average yearly earnings,	xxxvi
Days in operation,	xxxvi, xxxvii
Industries,	xxxvii
Cities,	xxxvii
Conclusion,	xxxvii, xxxviii
TABULAR PRESENTATIONS,	1-127
Table I:	
A. Capital invested, materials used, wages paid, wage-earners, and product for the State: By industries,	2-11
B. The 33 cities: By industries,	12-31
C. Metropolitan Boston: By industries,	32-37
D. Metropolitan Boston: By cities and towns,	38, 39
E. The 118 towns having three or more manufacturing estab- lishments,	40-47
Table II. Character of ownership for 19 selected industries, and for All Industries, 1913,	48-51
Table III. Average number of wage-earners employed each month: By Industries,	52-79
Table IV. Number of wage-earners employed December 13, 1913: By age and sex,	80-83
Table V. Classified weekly wages: By Industries,	84-123
Table VI. Days in operation,	124-127
A. The State: By Industries,	124-126
B. The State: By cities and towns,	126, 127

STATISTICS OF MANUFACTURES—1913.

INTRODUCTION.

The data for the 28th Annual Report on the Statistics of Manufactures represent returns from 8,405 establishments for the year 1913 which register an aggregate value of goods made in our manufacturing industries for that year of nearly one and two-thirds billions of dollars (\$1,658,728,363). These figures exhibit a net gain over 1912 of 134 in the number of establishments, and an increase of \$61,993,918, or 3.9 per cent, in product value. As compared with the Census of 1909, when the total stood at \$1,490,529,386, our industrial growth is measured by a gain in product value of \$168,198,977, or 11.3 per cent, — an average for the four-year period of 2.8 per cent per year.

It is, of course, true that these figures are affected to a certain extent by price change and that general prices have not been declining in the last four years, not only as regards the necessities of life, but also for materials to be used for further production. The fact that on the whole there was substantial gain in 1913 is, however, borne out and perhaps better shown by the more significant comparison of the average number of wage-earners employed during the year, which rose from 608,590 in 1912 to 616,927 in 1913, an increase of 8,337, or 1.4 per cent.

The figures for the census year 1909, as given above, and those of 1913 are, of course, not directly comparable for reasons which have been stated in other reports, and which are repeated here in order that the full significance of the returns for 1913 may be appreciated. The Federal Census, taken once in five years, includes within its scope all manufacturing industries having a product value of \$500 and over. Manifestly, there is a large number of establishments of the latter class, for this minimum, leaving out of consideration the cost of materials, would scarcely cover the earnings of one wage-earner for a full

year, and the census reports call attention to the fact that establishments having a product value ranging between \$500 and \$5,000 a year, while constituting a very large proportion of the total number of establishments (23.6 per cent) *represent less than one-half of one per cent* of the aggregate product value for All Industries.¹ For very obvious reasons, therefore, the annual canvass leaves such establishments out of the account, and while apparently limited in scope, it covers a field sufficiently wide to portray the salient facts in manufacturing industries. The chief omissions as compared with the Census, besides the small establishments referred to, are concerns engaged in the printing and publishing of newspapers and periodicals, and the establishments engaged in the manufacture of gas. Making due allowance for these omissions, and assuming that the last named industries have not declined in product value since 1909, which is probable, there might be added some \$35,000,000 to the aggregate for 1913 which would carry the total appreciably forward toward the two-billion-dollar mark.

The figures for 1909 and 1913 are brought together in the following table:

	1909	1913
<i>Number of Establishments,</i>	11,664	8,405
<i>Total Amount of Capital Invested,</i>	\$1,279,686,558	\$1,345,461,875
<i>Total Value of Manufactured Product,</i>	\$1,490,529,386	\$1,668,728,363
<i>Total Value of Stock and Materials Used,</i>	\$830,764,943	\$961,778,476
<i>Total Amount of Wages Paid in Manufacturing Establishments,</i>	\$301,173,464	\$351,399,706
<i>Average Number of Wage-Earners,</i>	584,559	616,927

The condition of our manufacturing industries, as a whole, from year to year since the financial depression of 1907 is shown in the next table which brings together the principal figures for the six-year period, the data having been taken on the same basis each year with the exception of those for the census year 1909, the differences concerning which have just been pointed out. The summary is as follows:

¹ 13th Census of the United States, Vol. IX, page 507.

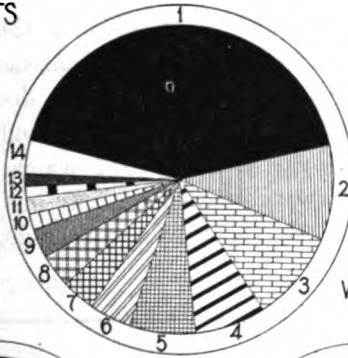
CHART I.

MASSACHUSETTS LEADERSHIP IN BOOTS & SHOES . AND THE TEXTILES PROPORTIONATE DISTRIBUTION BY STATES OF ANNUAL PRODUCTION OF BOOTS AND SHOES COTTON GOODS, AND WOOLEN & WORSTED GOODS

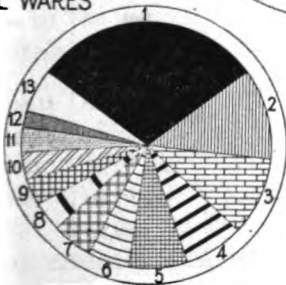
BOOTS & SHOES

- 1 MASSACHUSETTS
- 2 NEW YORK
- 3 MISSOURI
- 4 NEW HAMPSHIRE
- 5 OHIO
- 6 PENNSYLVANIA
- 7 ILLINOIS

- 8 MAINE
- 9 WISCONSIN
- 10 NEW JERSEY
- 11 MINNESOTA
- 12 VIRGINIA
- 13 MICHIGAN
- 14 ALL OTHER STATES

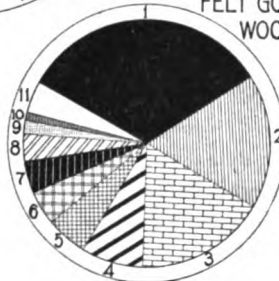


COTTON GOODS, INCLUDING COTTON SMALL WARES



- 1 MASSACHUSETTS
- 2 NORTH CAROLINA
- 3 SOUTH CAROLINA
- 4 RHODE ISLAND
- 5 GEORGIA
- 6 PENNSYLVANIA
- 7 CONNECTICUT
- 8 NEW HAMPSHIRE
- 9 ALABAMA
- 10 MAINE
- 11 NEW YORK
- 12 NEW JERSEY
- 13 ALL OTHER STATES

WOOLEN & WORSTED GOODS, INCLUDING FELT GOODS & WOOL HATS



- 1 MASSACHUSETTS
- 2 PENNSYLVANIA
- 3 RHODE ISLAND
- 4 NEW JERSEY
- 5 NEW YORK
- 6 CONNECTICUT
- 7 MAINE
- 8 NEW HAMPSHIRE
- 9 OHIO
- 10 VIRGINIA
- 11 ALL OTHER STATES

All Industries.

YEARS.	Number of Establishments	Value of Product	Value of Stock and Materials Used	Wages Paid	Average Number of Wage-Earners
1907,	5,671	\$1,364,431,355	\$779,840,958	\$378,191,113	539,982
1908,	6,044	1,172,808,782	669,259,739	245,307,180	480,134
1909 (census year), . . .	11,684	1,490,529,396	830,764,943	301,173,464	¹ 584,560
1910,	7,939	1,465,749,310	863,381,866	304,852,691	578,581
1911,	8,123	1,467,961,808	863,080,379	311,148,856	584,033
1912,	8,271	1,596,734,445	929,304,883	325,553,704	608,990
1913,	8,406	1,858,728,363	961,773,476	351,399,706	616,927

¹ Not strictly comparable with corresponding figures for 1907, 1908, 1910, 1911, 1912, and 1913.

Limitations as to the aggregate for All Industries, however, do not obtain when we come to consider the totals for the principal industries of the State, such as those for Boots and Shoes, Cotton Goods, Woolen and Worsted Goods, Leather (Tanned, Curried, and Finished), and Paper and Wood Pulp. For these the annual canvass covers all the establishments, and the figures are directly comparable with census totals. Moreover, in the first three industries mentioned, Massachusetts is the ranking State in the Union. (See Chart I., facing page vi.) The five industries for which comparisons have been brought forward from year to year in these reports are extended for 1913 to include a sixth for which the annual returns cover all the establishments operating, namely,

Electrical Machinery, Apparatus, and Supplies. — This industry has in the last half-decade maintained a rapid and steady growth until it has become entitled to consideration as one of the leading industries of the Commonwealth. Since the year 1907, when the product value was approximately twenty-seven millions of dollars, there has been an increase in production of over 100 per cent (103.9), and the number of wage-earners employed has risen from 13,453 in 1907 to 22,437 in 1913, a gain of, approximately, 67 per cent. The total wages paid in the industry for the six-year period exhibit an increase of approximately 98 per cent, and the cost of materials used, 112 per cent. At the Census of 1909, Massachusetts was fourth in rank among the states in the manufacture of electrical

machinery, apparatus, and supplies, and this relative position was doubtless sustained and even improved for 1913. The increase in 1913 over 1912 amounted to 13.5 per cent both in value of product and in the amount paid in wages, approximately 13 per cent in cost of materials, and upwards of 10 per cent in the average number of wage-earners.

Boots and Shoes, exclusive of Cut Stock and Findings. — The value of product in Boots and shoes for 1913, while by no means advancing like that of the newer industry, Electrical Machinery, Apparatus, and Supplies, exhibits an advance from \$209,489,037 in 1912 to \$216,667,911 in 1913, a gain of \$7,178,874, or 3.4 per cent, which may be said to be fairly normal, since over a 34-year period, or practically one generation's growth, the increase in value of product is shown to be 126 per cent, or an average of 3.7 per cent per year. (See Chart II., facing this page.) The cost of materials used in 1913 shows an increase of 4.2 per cent as compared with 1912; the total amount paid in wages increased 2.4 per cent as compared with the preceding year, and for the six-year period, as shown by the data on page xi, exhibited an increase of 20.8 per cent. In 1913, there was a decline of 0.9 per cent in the average number of wage-earners as compared with 1912, but a gain of approximately 12 per cent (11.8) since 1907.

No presentation of the boot and shoe industry would be complete without including the subsidiary industries, Boot and shoe cut stock and findings, which have developed side by side with the manufacture of boots and shoes. The combined product for these branches of the industry, which overlap to a considerable extent, was \$53,009,872 in 1913, and the average number of wage-earners 8,310; while in the manufacture of Boots and shoes proper, the average number of wage-earners was 81,228, and the value of goods produced, \$216,667,911. The total value of output for Boots and shoes plus that of Cut stock and findings in 1913 was, therefore, \$269,677,783.

Cotton Goods, including Cotton Small Wares. — This, the most important of the textile industries of Massachusetts, touched the highest mark in its history in 1913. From a glance at the figures on page xii, it is apparent that better conditions prevailed in the industry in 1913 than at any time since 1907, the value of product reaching the high level of \$211,985,220, and the average number of wage-earners, 115,837. For the 34-year period

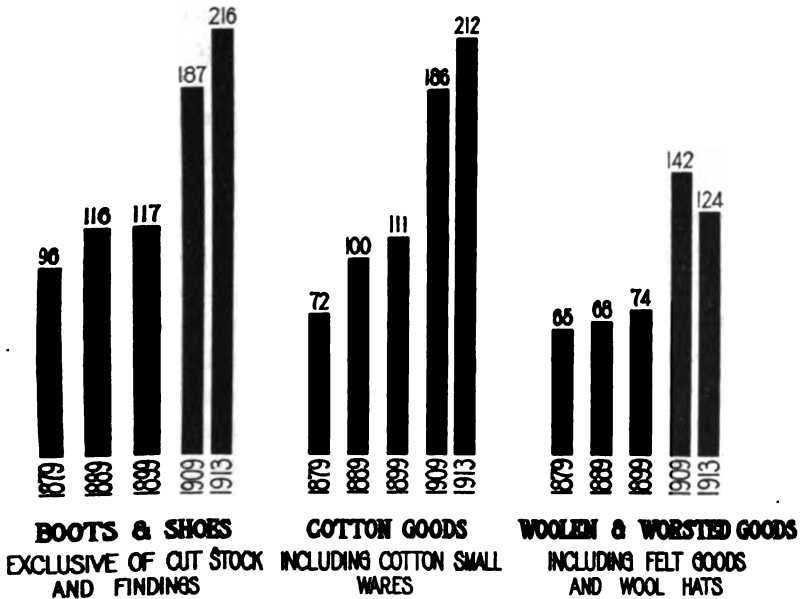
CHART II.

VALUES OF PRODUCTS

IN THE LEADING INDUSTRIES

1879 — 1913

Expressed In Millions of Dollars



since 1879 (see Chart II., facing page viii) the increase amounted to \$139,695,702, or 193 per cent, an average of 5.7 per cent per year. With the quite remarkable increase of 12 per cent in the value of product in 1913, there was an increase of 11.8 per cent in the cost of materials as compared with 1912; of 8.6 per cent in the total amount paid in wages, and of three per cent in the average number of wage-earners. A comparison of the year 1913 with that of 1907 exhibits increases of nearly 22 per cent in the cost of materials, 14 per cent in the number of wage-earners, and of 18 per cent in the total amount paid in wages, while the value of goods produced shows a gain of only 11.5 per cent. The general increase in this particular industry for the six-year period, therefore, apparently cannot be said to be due to any exceptional advance in the selling price of goods.

Leather, Tanned, Curried, and Finished. — Unlike Cotton goods, the industry Leather, tanned, curried, and finished shows a decline in each of the elements in 1913 as compared with the totals for 1912, the value of goods made falling from \$51,987,780 to \$46,674,470. The general depression in the industry is reflected in a decrease of 10 per cent in value of goods produced, seven per cent in the cost of materials and amount paid in wages, respectively, and nine per cent in the average number of wage-earners. For the six-year period since 1907, with a decline of one-half of one per cent in value of product, there was an increase of somewhat more than one per cent in the cost of materials and number of wage-earners, respectively, and an increase of 16 per cent in the total amount paid in wages. The totals for this industry either for cost of materials or value of product do not include the value of hides and skins treated under contract, that is, — tanned, curried, or finished for other parties who supplied the stock, the chief material (hides and skins) not being purchased by the firm immediately doing the work.

Paper and Wood Pulp. — The conditions in this industry in 1913 were apparently normal, the total value of product for that year being \$48,402,886. Increase appears in each of the elements considered as compared with 1912, — 2.5 per cent in value of product, 3.2 per cent in cost of materials, 1.8 per cent in average number of wage-earners, and 5.2 per cent in the total amount paid in wages. Appreciable gains are also shown for the six-year period, — 13.3 per cent in the value of goods, 25.1

per cent in cost of materials, 21.7 per cent in wages paid, and six per cent in number of wage-earners.

Woolen and Worsted Goods, including Felt Goods and Wool Hats. — Events in 1913 in the woolen and worsted goods industry were epoch making. In December of that year the removal of the tariff on raw wool and the reconstruction of the entire schedule of duties on manufactures of wool went into effect in the United States. Naturally in the months previous to the final decision, the industry felt the disturbing influence of uncertainty, the usual risks of business could not be safely taken, and the period was generally a most unfavorable one for manufacturing. The value of goods produced fell from \$138,250,253 in 1912 to \$123,678,725 in 1913, a decrease of 10.5 per cent. For the 34-year period (see Chart II., facing page viii) the increase in this industry amounted to \$58,710,516, or 90 per cent, an average of 2.6 per cent per year. The cost of materials used fell from \$86,389,055 in 1912 to \$75,368,429 in 1913, or 12.8 per cent. The average number of wage-earners declined 7.5 per cent between the two years and there was a decrease in the total amount paid in wages of 8.9 per cent.

Another industry assuming a position of importance and exhibiting remarkable gain in 1913 is that of Slaughtering and meat packing, which industry, in Massachusetts, includes pork products chiefly. The total rose from \$46,825,160 in product value in 1912 to \$54,312,644 in 1913, an increase of 16 per cent. Measured solely by product value, this industry outranks Leather, tanned, curried, and finished, and Paper and wood pulp. The value of stock used in the industry, however, is the all important item, and the value added by labor is comparatively small. The average number of wage-earners in 1913 was 3,177, and the amount paid in wages, \$1,831,625.

The following tables summarize the facts for six of the leading industries:

Boots and Shoes (exclusive of Cut Stock and Findings).**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$188,127,176	-	-
1908,	166,967,116	¹ \$18,170,060	¹ 9.7
1909,	187,045,767	17,088,651	10.1
1910,	190,856,515	3,810,748	2.0
1911,	196,898,074	6,041,559	3.2
1912,	209,499,087	12,590,963	6.4
1913,	216,667,911	7,178,874	3.4
Increase for the six-year period,	-	28,540,735	15.2

(b) Stock and Materials.

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$118,399,291	-	-
1908,	104,171,604	¹ \$14,227,687	¹ 12.0
1909,	114,277,189	10,105,585	9.7
1910,	115,624,486	1,347,297	1.2
1911,	119,330,398	3,705,912	3.2
1912,	125,659,585	6,329,287	5.3
1913,	130,961,171	5,301,586	4.2
Increase for the six-year period,	-	12,561,880	10.6

(c) Wages Paid.

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$42,025,242	-	-
1908,	38,959,428	¹ \$3,065,814	¹ 7.3
1909,	41,970,498	3,011,070	7.7
1910,	45,171,454	3,200,956	7.6
1911,	47,259,721	2,088,267	4.6
1912,	49,596,284	2,336,563	4.9
1913,	50,770,185	1,173,901	2.4
Increase for the six-year period,	-	8,744,943	20.8

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	72,671	-	-
1908,	69,280	¹ 3,421	¹ 4.7
1909,	74,710	5,460	7.9
1910,	77,000	2,290	3.1
1911,	79,542	2,542	3.3
1912,	81,962	2,420	3.0
1913,	81,228	¹ 734	¹ 0.9
Increase for the six-year period,	-	8,557	11.8

¹ Decrease.

Cotton Goods (including Cotton Small Wares).**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$190,148,422	-	-
1908,	156,048,533	¹ \$34,099,889	¹ 17.9
1909,	186,462,313	30,413,780	19.5
1910,	192,777,722	6,315,409	3.4
1911,	183,121,235	¹ 9,656,487	¹ 5.0
1912,	189,010,823	5,889,588	3.2
1913,	211,965,290	22,974,397	12.2
Increase for the six-year period,	-	21,836,798	11.5

(b) Stock and Materials.

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$105,499,029	-	-
1908,	92,951,308	¹ \$12,547,721	¹ 11.9
1909,	105,156,794	12,205,486	13.1
1910,	121,830,780	16,723,986	15.9
1911,	119,879,589	¹ 2,001,191	¹ 1.6
1912,	115,079,451	¹ 4,800,138	¹ 4.0
1913,	128,604,514	13,525,063	11.8
Increase for the six-year period,	-	23,106,485	21.9

(c) Wages Paid.

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$45,063,459	-	-
1908,	40,228,037	¹ \$4,835,422	¹ 10.7
1909,	45,117,069	4,889,032	12.2
1910,	44,857,100	¹ 259,969	¹ 0.6
1911,	44,744,628	¹ 112,472	¹ 0.3
1912,	48,943,728	4,199,100	9.4
1913,	53,156,512	4,212,784	8.6
Increase for the six-year period,	-	8,093,053	18.0

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	101,862	-	-
1908,	91,645	¹ 10,217	¹ 10.0
1909,	108,914	17,269	18.8
1910,	108,804	¹ 110	¹ 0.1
1911,	109,683	879	0.8
1912,	112,384	2,701	2.5
1913,	115,837	3,453	3.1
Increase for the six-year period,	-	13,975	13.7

¹ Decrease.

Electrical Machinery, Apparatus, and Supplies.*(a) Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$26,062,284	-	-
1908,	18,065,968	¹ \$8,626,316	¹ 32.3
1909,	28,142,889	10,076,921	55.8
1910,	32,036,393	3,893,504	13.8
1911,	36,419,896	4,383,002	13.7
1912,	47,964,986	11,545,541	31.7
1913,	54,433,691	6,468,755	13.5
Increase for the six-year period,	-	27,741,407	108.9

(b) Stock and Materials.

1907,	\$11,830,975	-	-
1908,	8,569,255	¹ \$3,261,720	¹ 27.6
1909,	12,734,830	4,165,565	48.6
1910,	16,352,531	3,617,711	28.4
1911,	14,908,562	¹ 1,448,969	¹ 8.9
1912,	22,314,896	7,411,333	49.7
1913,	25,133,493	2,818,596	12.6
Increase for the six-year period,	-	18,302,518	112.4

(c) Wages Paid.

1907,	\$7,260,068	-	-
1908,	5,884,393	¹ \$1,375,675	¹ 18.9
1909,	8,309,174	2,324,781	39.5
1910,	10,421,310	2,112,136	26.9
1911,	10,818,142	396,832	3.8
1912,	12,645,825	1,827,683	16.9
1913,	14,352,758	1,706,933	13.5
Increase for the six-year period,	-	7,092,090	97.7

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	13,453	-	-
1908,	10,538	¹ 2,915	¹ 21.7
1909,	14,507	3,969	37.7
1910,	17,363	2,856	19.7
1911,	17,879	516	3.0
1912,	20,317	2,438	13.6
1913,	22,437	2,120	10.4
Increase for the six-year period,	-	8,984	66.8

¹ Decrease.

Leather, Tanned, Curried, and Finished.**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$46,903,784	-	-
1908,	41,613,182	¹ \$5,290,602	¹ 11.3
1909,	40,002,079	¹ 1,611,103	¹ 3.9
1910,	41,544,425	1,542,346	3.9
1911,	41,701,686	157,261	0.4
1912,	51,967,780	10,266,094	24.7
1913,	46,674,470	¹ 5,313,310	¹ 10.2
Increase for the six-year period,	-	¹ 229,314	¹ 0.5

(b) Stock and Materials.

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$34,364,843	-	-
1908,	29,850,511	¹ \$4,514,332	¹ 13.1
1909,	28,765,508	¹ 1,085,003	¹ 3.6
1910,	30,346,759	1,581,251	5.5
1911,	30,160,966	¹ 185,803	¹ 0.6
1912,	37,353,493	7,192,537	23.8
1913,	34,744,413	¹ 2,609,080	¹ 7.0
Increase for the six-year period,	-	379,570	1.1

(c) Wages Paid.

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$5,234,362	-	-
1908,	4,959,130	¹ \$325,242	¹ 6.2
1909,	5,443,944	484,824	9.8
1910,	5,808,631	364,687	6.7
1911,	5,604,360	¹ 204,271	¹ 3.5
1912,	6,625,375	1,021,015	18.2
1913,	6,138,384	¹ 486,991	¹ 7.4
Increase for the six-year period,	-	854,022	16.2

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	10,156	-	-
1908,	9,237	¹ 929	¹ 9.1
1909,	10,252	1,025	11.1
1910,	10,691	439	4.3
1911,	9,903	¹ 788	¹ 7.4
1912,	11,372	1,469	14.8
1913,	10,321	¹ 1,051	¹ 9.2
Increase for the six-year period,	-	165	1.6

¹ Decrease.

Paper and Wood Pulp.

(a) *Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$42,707,680	-	-
1908,	32,067,321	¹ \$10,630,359	¹ 24.9
1909,	40,096,713	8,009,392	25.0
1910,	43,020,325	2,923,612	7.3
1911,	44,951,237	1,930,912	4.5
1912,	47,228,049	2,276,812	5.1
1913,	48,402,886	1,174,837	2.5
Increase for the six-year period,	-	5,995,306	13.3

(b) *Stock and Materials.*

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$23,927,908	-	-
1908,	18,093,119	¹ \$5,834,789	¹ 24.4
1909,	22,349,613	4,256,494	23.5
1910,	25,869,769	3,520,156	15.8
1911,	27,258,974	1,389,205	5.4
1912,	29,000,736	1,741,762	6.4
1913,	29,931,380	930,644	3.2
Increase for the six-year period,	-	6,003,472	25.1

(c) *Wages Paid.*

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$6,735,401	-	-
1908,	5,599,968	¹ \$1,135,433	¹ 17.3
1909,	6,541,636	971,668	17.4
1910,	6,871,253	329,617	5.0
1911,	7,190,680	298,407	4.3
1912,	7,791,973	622,313	8.7
1913,	8,197,440	405,467	5.2
Increase for the six-year period,	-	1,463,039	21.7

(d) *Wage-Earners.*

YEAR.	Number	Increase	Per Cent of Increase
1907,	13,546	-	-
1908,	11,390	¹ 2,156	¹ 15.9
1909,	12,848	1,458	12.8
1910,	13,382	534	4.2
1911,	13,811	429	3.2
1912,	14,096	285	2.1
1913,	14,352	256	1.8
Increase for the six-year period,	-	806	6.0

¹ Decrease.

Woolen and Worsted Goods (including Felt goods and Wool hats).

(a) *Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$131,731,290	-	-
1908,	106,207,889	¹ \$26,523,401	¹ 20.1
1909,	141,966,882	36,758,993	34.9
1910,	124,732,488	¹ 17,234,394	¹ 12.1
1911,	117,766,316	¹ 6,966,172	¹ 5.6
1912,	138,250,253	20,483,937	17.3
1913,	123,678,725	¹ 14,571,528	¹ 10.5
Increase for the six-year period,	-	¹ 8,062,565	¹ 6.1

(b) *Stock and Materials.*

1907,	\$81,450,075	-	-
1908,	64,097,028	¹ \$17,353,047	¹ 21.3
1909,	87,976,331	23,879,303	37.3
1910,	77,264,839	¹ 10,711,502	¹ 12.2
1911,	75,533,192	¹ 1,731,637	¹ 2.2
1912,	86,389,055	10,855,863	14.4
1913,	75,368,429	¹ 11,020,626	¹ 12.8
Increase for the six-year period,	-	¹ 6,081,646	¹ 7.5

(c) *Wages Paid.*

1907,	\$23,043,548	-	-
1908,	19,226,058	¹ \$3,817,490	¹ 16.6
1909,	24,592,763	5,366,705	27.9
1910,	22,683,873	¹ 1,908,890	¹ 7.8
1911,	23,123,850	439,977	1.9
1912,	27,065,903	3,942,053	17.0
1913,	24,650,900	¹ 2,415,003	¹ 8.9
Increase for the six-year period,	-	1,807,352	7.0

(d) *Wage-Earners.*

YEAR.	Number	Increase	Per Cent of Increase
1907,	50,392	-	-
1908,	42,898	¹ 7,494	¹ 14.9
1909,	53,873	10,975	25.6
1910,	50,071	¹ 3,802	¹ 7.1
1911,	49,986	¹ 85	¹ 0.2
1912,	55,089	5,103	10.2
1913,	50,970	¹ 4,119	¹ 7.5
Increase for the six-year period,	-	578	1.1

¹ Decrease.

THE CITIES.

The total value of goods produced in the 33 cities of the Commonwealth for 1913 amounted to \$1,216,709,343, an increase over the total for 1912 of 4.6 per cent.

The city of Boston exhibits the greatest amount of gain, the value of product rising from \$241,229,318 in 1912 to \$252,222,872 in 1913. Her importance as an industrial center is apparently not so much due to the expansion of any particular industry as to the broad range of her activities, and to her facilities as a distributing center. Prominent among her manufacturing industries, however, are *Boots and shoes*, including Cut stock and findings, whose combined product in 1913 was a little over \$30,000,000; the *clothing* industries, with output of \$25,000,000, and *Confectionery*, third in the list, with a product value of upwards of \$15,000,000. The output of her foundries and machine shops amounted in round numbers to \$13,000,000, in *Malt liquors*, to approximately \$9,000,000, in manufactures of *Tobacco* to \$7,000,000, and in *Electrical machinery, apparatus*, and *supplies*, which industry has recently assumed a position of importance, to \$6,828,965. The total of two hundred and fifty-two millions does not, however, wholly represent the manufactures of Boston from a complete census standpoint, for this city is also the chief center of the printing and publishing industry in the State, especially of the publication of newspapers and periodicals and of small establishments engaged in job printing which, as has been stated, are not included in the annual canvass. The inclusion of this industry in its entirety would add in round numbers probably not less than \$25,000,000 to the aggregate for Boston, making a total for 1913, had a full census been taken, of more than \$275,000,000.

Worcester is the second city in industrial importance. Her product value amounted to \$89,707,793, and the gain over 1912 was 3.9 per cent, or upwards of three millions of dollars.

The boot and shoe cities in order of the product value in that industry in 1913 were *Brockton*, *Lynn*, and *Haverhill*, Lynn and Brockton having exchanged places since 1912. The value of shoes manufactured in Lynn in that year amounted to \$35,511,992, and her rank was first in the United States, measured by product value

Owing, however, to the removal of several shoe factories from the city during the year, or just previous to 1913, the value of goods produced in that year declined to \$33,077,637, a decrease of \$2,434,355, or approximately eight per cent. Notwithstanding the loss in Boots and shoes, however, Lynn retains its position as third city in industrial importance in the State, owing principally to the expansion of the industry Electrical machinery, apparatus, and supplies.

The value of shoes manufactured in *Brockton* increased from \$34,244,367 in 1912 to \$37,601,925 in 1913, a gain of about ten per cent. The total for *Haverhill* advanced from \$26,183,090 to \$27,508,440, an increase of approximately five per cent. Both the latter cities also show an increase for All Industries as compared with 1912 of nine and three per cent, respectively, their rank in industrial importance being respectively eighth and twelfth.

The textile cities, especially those engaged in manufactures of cotton, — namely, — *New Bedford*, *Fall River*, and *Lowell*, all show material increase over 1912. The cotton industry, as has been stated, exhibited better conditions throughout the State, *New Bedford's* product showing the important gain of \$8,519,004 as compared with 1912, the value of her cotton manufactures rising from \$46,869,676 to \$55,388,680. The gain in this industry in *Fall River* was more than seven per cent, and the increase in *Lowell* was approximately 17 per cent. *New Bedford*, fifth in rank among the cities of the State, shows the second largest increase in product value in 1913, slightly more than nine and one-half million dollars. The city of *Fall River* ranked sixth and *Lowell* ranked seventh in order in 1913.

Lawrence, another prominent textile center, engaged chiefly in manufactures of worsted goods, shows a decrease as compared with 1912. This decrease, though not so great as might have been expected, was due in large part to the general depression in the woolen and worsted goods industry and, to a lesser extent, to the prolonged strike in the early months of 1913. *Lawrence* did not, however, lose its relative position among the cities of the State, ranking fourth in 1912 and 1913.

The city of *Somerville* owes its industrial importance to the development of Slaughtering and meat packing, which

exhibits the material gain in 1913 of 11.4 per cent, the product value rising from \$45,000,000 to upwards of \$50,000,000. The pork-packing industry is becoming increasingly important, and, measured by value of product, now ranks as one of the principal industries of the State.

Chicopee, fourteenth in rank among the cities of the State, was third as regards increase in product value over 1912, showing a total of \$31,126,691 as against \$24,076,032 in 1912, the amount of increase being \$7,050,659, and the percentage of gain 29.3. The principal industries of *Chicopee*, besides Slaughtering and meat packing, are manufactures of rubber goods, cotton goods, automobiles, and firearms, but the figures for these industries, separately, cannot be presented on account of the limited number of establishments of each kind.

The city of *Pittsfield* also shows remarkable gain, the expansion in her electrical industry being the most important item. The total value of manufactures for the city for 1913 was \$23,919,923, a gain of 16.2 per cent as compared with 1912.

The city of *Springfield*, thirteenth in rank, shows appreciable gain over 1912, due apparently to no particular industry, but to a general expansion in many lines. The increase of 6.9 per cent shown, moreover, does not entirely measure the value of products for the city, for these totals do not include the work done at the *Springfield* armory operated by the United States government, to include which would add probably not less than one million dollars to the product value.

Other cities showing gains over 1912 are *Waltham*, 18.5 per cent; *Marlborough*, 14.8 per cent, and *Everett*, 13.5 per cent.

The important cities showing decrease, besides *Lynn* already mentioned, are *Salem*, whose product value declined from \$19,037,759 to \$17,344,566, or 8.9 per cent; *Cambridge*, 2.4 per cent; *Quincy*, 10.3 per cent; and *Newton*, 10.6 per cent.

Eleven cities showed a decline and twenty-two a gain over 1912. The figures for both years are brought together in the following table:

CITIES.	1912	1913	Percentage of Increase
Totals,	\$1,163,466,636	\$1,216,709,343	4.6
Boston,	241,229,318	253,223,872	4.6
Worcester,	86,318,715	89,707,793	3.9
Lynn,	80,544,498	78,947,766	¹ 2.0
Lawrence,	70,315,376	70,205,214	¹ 0.2
New Bedford,	59,823,994	69,466,482	16.1
Fall River,	62,440,525	65,221,733	4.5
Lowell,	56,690,584	59,322,088	4.6
Brookton,	48,896,581	53,480,638	9.4
Cambridge,	53,154,607	51,863,096	¹ 2.4
Somerville,	45,125,009	50,279,057	11.4
Holyoke,	45,592,190	45,904,797	0.7
Haverhill,	42,413,255	43,671,548	3.0
Springfield,	40,699,921	43,509,139	6.9
Chicopee,	24,076,032	31,126,691	29.3
Fitchburg,	24,837,689	24,831,246	² 0.0
Pittsfield,	20,580,024	23,919,923	16.2
Salem,	19,037,759	17,344,566	¹ 8.9
Taunton,	15,767,316	16,282,425	3.3
Chelsea,	16,474,423	16,167,466	¹ 1.9
Quincy,	14,400,063	12,922,051	¹ 10.3
Everett,	10,223,567	11,603,469	13.5
Waltham,	9,760,793	11,571,080	18.5
North Adams,	10,744,577	10,324,309	¹ 3.9
Marlborough,	8,258,371	9,481,706	14.8
Northampton,	8,333,736	8,664,096	4.0
Newburyport,	8,039,735	8,597,144	6.9
Gloucester,	7,578,694	8,211,735	8.4
Malden,	8,053,194	7,866,779	¹ 2.3
Beverly,	6,963,033	7,536,281	8.2
Woburn,	5,975,787	6,025,416	0.8
Newton,	5,924,559	5,295,231	¹ 10.6
Medford,	2,476,214	2,633,117	6.3
Melrose,	2,716,488	2,502,289	¹ 7.9

¹ Decrease.² Less than one-tenth of one per cent.

METROPOLITAN BOSTON.

The total value of goods produced in the 39 cities and towns comprising Metropolitan Boston increased from \$545,310,724 in 1912 to \$560,390,104 in 1913, an advance of \$15,079,380, or approximately three per cent. Within this area are located 3,584 manufacturing establishments, giving employment to an average of 172,594, or about 28 per cent of the wage-earners engaged in manufacturing industries, and turning out a product in 1913 of \$560,390,104, or more than one-third of the State total. Of this large amount, the factories of Boston proper contributed approximately 45 per cent, or upwards of a quarter of a billion dollars in product value, and employed an average of 75,194 wage-earners.

There is great diversification of industry in the district, but the principal manufactures are *Boots and shoes*, including Cut stock and findings, whose combined product now amounts annually to nearly \$100,000,000 (\$95,897,281 in 1913); *Slaughtering and meat packing*, \$45,610,052; *Electrical machinery, apparatus, and supplies*, \$34,328,911; *Clothing*, \$27,126,150; *Foundry and machine-shop products*, \$20,408,710; *Boots and shoes, rubber*, \$19,943,181; *Confectionery*, \$17,991,321; and *Leather, tanned, curried, and finished*, \$12,116,985.

Other important manufacturing cities included in the area are those of Lynn, Cambridge, and Somerville, each of which contributed more than \$50,000,000 in products for 1913. The towns of the district, with the exception of Watertown and Weymouth, are not noted for extensive manufactures.

A comparison of the principal data for the years 1910, 1911, 1912, and 1913 is given in the following table:

	1913	1912	1911	1910
<i>Number of Establishments</i> , . . .	3,584	2,607	2,375	2,238
<i>Total Amount of Capital Invested</i> , . .	\$362,458,828	\$354,153,062	\$338,389,774	\$326,720,444
<i>Total Value of Manufactured Product</i> , .	\$560,390,104	\$545,310,724	\$502,527,771	\$488,497,178
<i>Total Value of Stock Used</i> , . . .	\$326,070,384	\$320,468,150	\$294,046,863	\$292,089,565
<i>Total Amount of Wages Paid in Manufacturing Establishments</i> , . . .	\$107,031,822	\$102,820,146	\$95,871,777	\$92,458,169
<i>Average Number of Wage-Earners</i> , . .	172,594	171,272	163,488	160,797

THE TOWNS.

Some of the towns of the State show important gains in 1913 as compared with 1912. *Plymouth*, long associated with the manufacture of cordage and twine, increased in product value from \$12,319,835 to \$14,374,254, a gain of more than \$2,000,000, or 17 per cent. *Bridgewater*, whose chief industry is the manufacture of boots and shoes, shows the second largest amount of increase, the product value rising from \$5,506,287 to \$7,144,802, a gain of \$1,638,515, or 30 per cent. *Watertown*, prominent among whose industries are the manufactures of rubber goods and worsted goods, increased her total by nearly \$1,000,000, the aggregate for the year being, in round numbers, \$15,000,000 exclusive of the product of the United States Arsenal located in that town and operated by the Federal government for the manufacture of gun carriages, giving employment to some 500 additional wage-earners. *Westfield*, the ranking town in the United States in the manufacture of whips, also exhibits an increase of upwards of a million dollars, or 13.7 per cent, and a similar gain in product value is shown for the town of *West Springfield*.

The towns in the district noted for the manufacture of jewelry, *Attleborough*, *North Attleborough*, *Plainville*, and *Norton*, each exhibits increase in product value as compared with 1912, although none of the gains are at all important. Other busy and progressive centers of industry showing marked gains are the towns of *Hudson*, *Natick*, *Framingham*, *Wakefield*, *Gardner*, *Norwood*, *Walpole*, *Palmer*, *Leominster*, *Southbridge*, and *Reading*.

On the other hand, *Peabody*, the most important center for the leather industry in the State exhibits a loss, her product value falling from \$19,465,879 in 1912 to \$18,252,564 in 1913. *Amesbury*, losing ground since the general decline of the carriage industry, shows a decrease of \$624,024 as compared with 1912, and the town of *North Andover*, whose chief industry is woolen and worsted goods, declined in product value to the extent of \$544,981, or 16.5 per cent as compared with 1912.

The total value of product for the towns as a whole rose from \$433,267,819 in 1912 to \$442,019,020 in 1913, an increase of a little over two per cent.

CHARACTER OF OWNERSHIP AND VALUE ADDED BY MANUFACTURE.

Table II, pages 48 to 51, presents the principal data, by character of ownership, for nineteen selected industries of the State. Of the 8,405 establishments reporting in 1913, 3,528 were operated under individual ownership, 1,579 under the management of private firms, 3,274 by corporations, and 24 by co-operative societies, voluntary associations, or other miscellaneous form of management. Of the total output of the manufacturing establishments of the State (\$1,658,728,363), seven per cent was produced in establishments operated by individuals, 9.9 per cent by private firms, 81.8 per cent by corporations, and 1.3 per cent by voluntary associations, etc. These figures illustrate clearly the prevailing and increasing tendency to concentrate capital in the hands of incorporated companies in order to secure the advantage which comes from production on a large scale.

The fifth column of the table represents the difference between the gross product of the year (\$1,658,728,363), and the cost of materials used in manufacture, \$961,778,476, the resultant amount, \$696,949,887, representing the creation of a new stock of wealth brought into existence through the various processes of manufacturing, the "added value" thus secured forming 42 per cent of the total volume of goods produced.

In *Boots and shoes*, out of the total \$216,667,911, the corporations controlled 42 per cent of the establishments, produced 72.7 per cent of the goods made, and employed 72.2 per cent of the total number of wage-earners in the industry; the establishments operated under private firm and individual ownership having respectively 26 and 32 per cent of the establishments, producing, respectively, 18.3 and nine per cent of the goods manufactured, and employing similar percentages of the wage-earners. The *value added* by manufacture in the boot and shoe industry, \$85,706,740, was approximately 40 per cent of the total volume of goods produced. (See Chart III., facing page xxiv.)

For *Cotton goods, including Cotton small wares*, the percentages for establishments operated by corporations are much larger than for Boots and shoes. In this industry corporations con-

trolled 89 per cent of the establishments, manufactured 98 per cent of the product, employed 98 per cent of the average number of wage-earners, and paid 98 per cent of the total wages. The *value added* by manufacture was \$83,380,706, or about 40 per cent of the gross product in the industry, \$211,985,220.

The percentages for *Electrical machinery, apparatus, and supplies* are similar to those of Cotton goods. Establishments operated by corporations produced 98 per cent of the goods, employed upwards of 98 per cent of the wage-earners, and paid 98 per cent of the total wages, the remaining two per cent representing the share contributed by individuals and private firms. The *value added* by manufacture in Electrical Machinery, Apparatus, and Supplies was \$29,300,198, or about 54 per cent of the gross product in the industry.

In *Foundry and machine-shop products* 90 per cent was produced in establishments operated under corporate management, three per cent by private firms, and seven per cent by individuals. The *value added* by manufacture in this industry was relatively larger than in any of the others, \$56,214,374, representing approximately 62 per cent of the gross value of goods produced.

In *Woolen and Worsted Goods, including Felt Goods and Wool Hats* 76 per cent of the establishments were controlled by corporations, approximately 11 per cent were in the hands of private firms, and 13 per cent were operated by individuals. Of the value of product, 90 per cent was produced by incorporated companies, seven per cent by private firms, and three per cent by individuals, the percentages for the average number of wage-earners and the amount paid in wages being substantially the same as for the value of product. The *value added* by manufacture in the woolen and worsted goods industry was \$48,310,296, or approximately 40 per cent of the total.

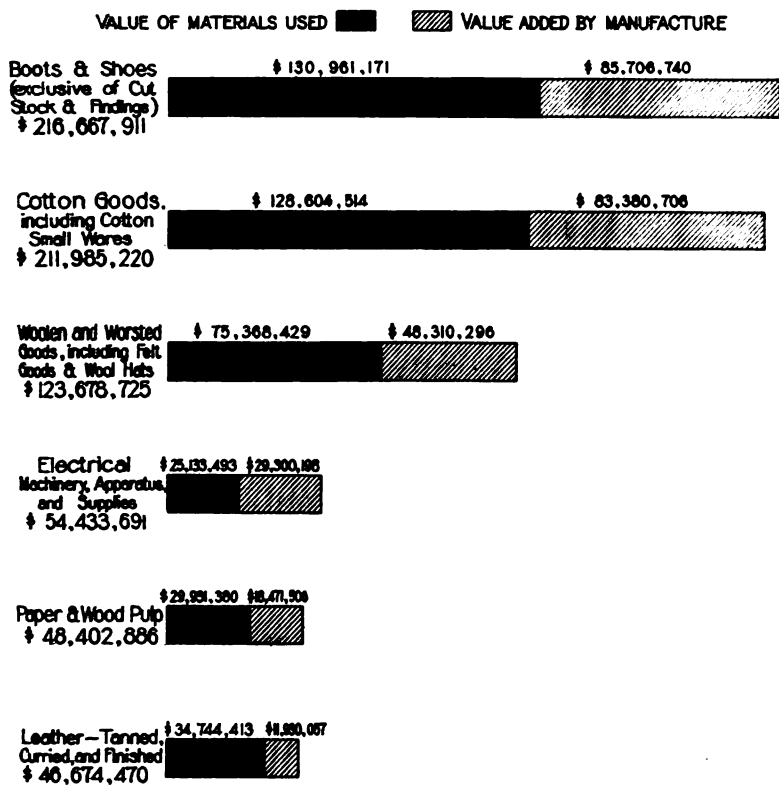
The table in detail, pages 48 to 51, will repay careful study.

NUMBER OF WAGE-EARNERS AND EMPLOYMENT BY MONTHS.

The year 1912 closed with an average number of wage-earners employed in December of that year of 632,739. December is usually a favorable month for employment for the industries as a whole, since over a series of years as shown by the Annual Reports, the maximum number apparently falls more often in December than in any other month. By January of 1913, the

CHART III.

VALUE ADDED BY MANUFACTURE IN THE LEADING INDUSTRIES OF MASSACHUSETTS 1913



average had declined slightly from the point reached in December, 1912 (632,739), exhibiting an average of 629,310, but it rose again in February to 630,864 and in March to 631,398 which was the highest level reached at any time during 1913. From this point, there was a sharp drop in April to 622,416, falling still and with continued downward trend through the months of May and June, and reaching the lowest point in July, when an average of 591,692 appears, the deviation from the maximum amounting to six per cent, representing, to that extent, unemployment of longer or shorter duration. The average number of wage-earners for the entire twelve months, as shown in the first column of the table, was 616,927, of whom 422,559 were males and 194,368 females, but this average was apparently not sustained during the five months from May to October, 1913. The conditions of employment began to improve in August, however, and the trend is upward for the last five months of the year, closing in December with an average of 621,210 as compared with 629,310 for January of that year.

The curve of employment in *Boots and shoes, exclusive of Cut stock and findings*, is quite different from that shown for All Industries, the highest point being reached earlier in the year, February, while the decline was less pronounced and of shorter duration, lasting apparently for the months March, April, and May. Conditions in this industry were appreciably better in July than in the preceding two months, and employment continued at a high level for the remainder of the year. The average for the year was 81,228, of whom 53,224 were males and 28,004 were females.

In *Cotton goods* employment was maintained at a high level for the first quarter of the year, January to April, the month of March exhibiting the maximum, 117,668. For the next four months employment was apparently less continuous, the minimum appearing for the month of August, while the last four months of the year exhibit a tendency to regain the maximum, closing with an average of 117,070 in December as against 117,071 in the opening month of the year. The average for the entire twelve months was 114,960, 61,687 of whom were males, and 53,273 females.

In *Electrical machinery, apparatus, and supplies* the months April, May, and June constituted the busy season, the maxi-

imum number, 23,473, being shown for May. The average for the year, 22,437, was sustained for all the months except January and the last quarter, October to December, 1913. The average for the year was 22,437, 18,168, or approximately 81 per cent, being males, and 4,269, or 19 per cent, being females.

The maximum of employment for *Foundry and machine-shop products* is shown for January, 39,853. The number declined during the months February to July, the average shown for the latter month, 36,028 obtaining, with only slight deviations, the rest of the year. The average for the entire period was 37,717, and the fluctuations from the maximum were at no time important.

In *Leather, tanned, curried, and finished*, January was also the month of greatest employment, 11,280, the numbers declining from February to July, when there was an average of only 9,493. Partial recovery is shown for the month of August, 9,724, and the conditions were gradually better for each of the remaining months, closing in December with an average of 10,940. The average for the entire period was 10,321, of whom 10,164 were males and 157 females.

In *Paper and wood pulp* employment was fairly constant, the average for the year appearing as 14,352, and the month of maximum employment being shown for April with only a slightly higher number, 14,588, the fluctuations from which did not in any month reach five per cent. The average number of wage-earners employed in this industry was 14,352, of whom 9,889 were males, and 4,463 females.

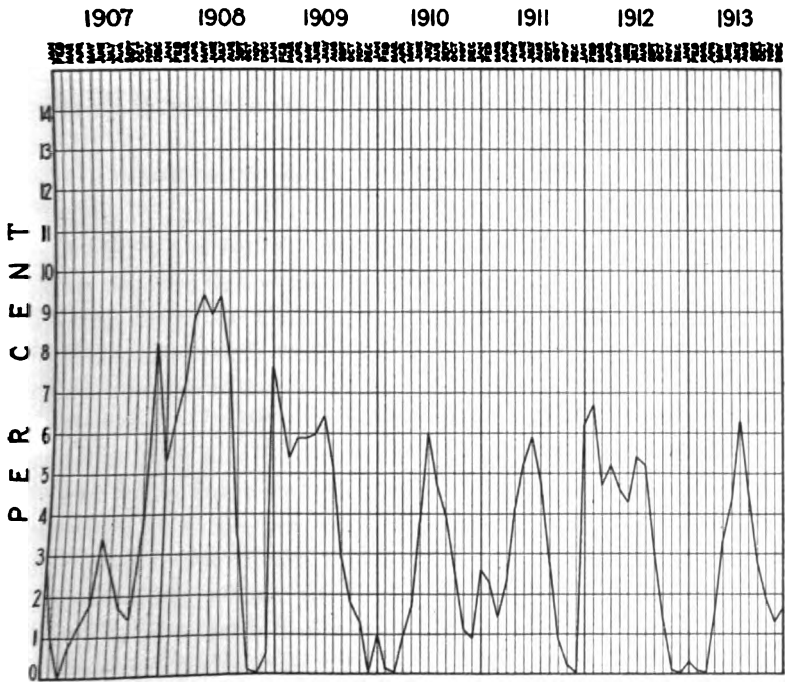
Of the principal industries, *Woolen and worsted goods* exhibits the widest range of unemployment in 1913. The maximum appears for January (54,976), and the curve runs distinctly downward for each succeeding month of the year, reaching its lowest point in July, when the average number of wage-earners in the industry was only 40,417, a deviation from the maximum of nearly 27 per cent, representing an unusual extent of unemployment. Increased activity among the mills appears again in August, however, the average rising to 47,926, with continued improvement, showing only slight fluctuations for the balance of the year, 51,101 wage-earners being employed in December as against 54,976 in January, 1913. The average for the 12 months was 49,709, of whom 29,638 were males and 20,071 were females.

CHART IV.

UNEMPLOYMENT
IN MANUFACTURING INDUSTRIES

DEVIATION FROM THE MAXIMUM

JANUARY 1907 - DECEMBER 1913



Another measure of unemployment is found in the range between the smallest and greatest number of wage-earners employed, as given in Table I, columns nine and ten. Here the average number employed by each individual manufacturer during the slackest month of his business was added to similar numbers for all other establishments, although the months did not at all coincide. The minimum thus secured aggregated 517,185 in 1913, and the maximum, obtained by a similar addition for the busiest month for each individual manufacturer, was 705,087, a range of 187,902, or 36.3 per cent. The length of the period of unemployment is, of course, indeterminate, but the extremes show slight improvement over the conditions in 1912, for which year the minimum was 503,465 and the maximum 691,077, a range of 187,612, or 37.3 per cent. Attention is called to Chart IV., facing page xxvi, showing the curve of unemployment in All Industries month by month since 1907.

WAGE-EARNERS EMPLOYED DECEMBER 13, 1913.

Table IV, pages 80 to 83, presents the number of wage-earners employed on a specific day, December 13, 1913, the Saturday falling nearest to the middle of the month. In 1913, the aggregate employed on that day in the manufacturing industries of the Commonwealth was 622,360, of whom 569,546, or nearly 92 per cent, were adults, and 52,814, or about eight per cent, were young people under 18 years of age. As compared with the corresponding day for the year 1912, which fell on December 14 of that year, there was a decrease of 17,474 wage-earners, or approximately three per cent. Apparently the level of employment was lower in the middle of December, 1913, than at the corresponding period in 1912, indicating a marked tendency toward a new period of business depression. A comparison of the leading industries exhibits similar tendencies. The total number of employees in *Boots and shoes* on December 13, 1913, was 84,474 as against 85,308 in 1912, of whom 6,674, or eight per cent, were young persons. In *Cotton goods*, the total on December 13 was 117,437 of whom 89 per cent were adults and about 11 per cent young persons. For the corresponding day in 1912 the number registered was 117,851. In *Electrical machinery, apparatus, and supplies* on December 13, 1913, there was an aggregate

of 20,779 of which eight per cent were young persons, as against 21,884 at the corresponding day in 1912. In *Foundry and machine-shop products* about four per cent of the wage-earners were young persons under 18 years of age, and the total number of operatives employed on December 13 36,669, as against 40,362 in 1912. In *Leather, tanned, curried, and finished* a total of 10,902 wage-earners were employed on December 13, 1913, of whom slightly more than two per cent were under 18 years of age. The corresponding figure for 1912 was considerably higher, 12,093. *Paper and wood pulp* shows a slight improvement in December, 1913, over the number employed in 1912, 14,513 and 14,409 wage-earners, respectively. Young persons in this industry on December 13 represented slightly more than four per cent of the total, the adult females 28 per cent, and the adult males 68 per cent. In *Woolen and worsted goods* on December 13, 1913, the level of employment was only 49,881, a decrease as compared with the middle of December of the year preceding, when the number was 56,400, of about 12 per cent. Of the total 49,881, about 11 per cent were young persons under 18 years of age, approximately 35 per cent were adult females, and 54 per cent were adult males.

In the following industries also there was a relatively large representation of young persons under 18 years of age, — *Boots and shoes, rubber; Confectionery; Dyeing and finishing textiles; Hosiery and knit goods; and Silk and silk goods.*

CLASSIFIED WEEKLY WAGES.

Table V, pages 84 to 123, presents classified weekly wages by industries for the year 1913 for adult males and females, and for young persons under 18 years of age, based on the week of greatest employment. The 693,571 wage-earners employed during the largest week was made up of 446,530, or 65 per cent, males, 189,743, or 27 per cent, females, and 57,298, or 8 per cent, young persons under 18 years of age.

Dividing the wage classes into three groups, — namely, low, medium, and high, considering in the low wage group those receiving under \$8 per week, in the medium wage group those being paid at rates \$8 to \$15, and in the high wage group those paid \$15 and over, we find that of the adult males, 36,490, or slightly more than eight per cent, were in the low wage group,

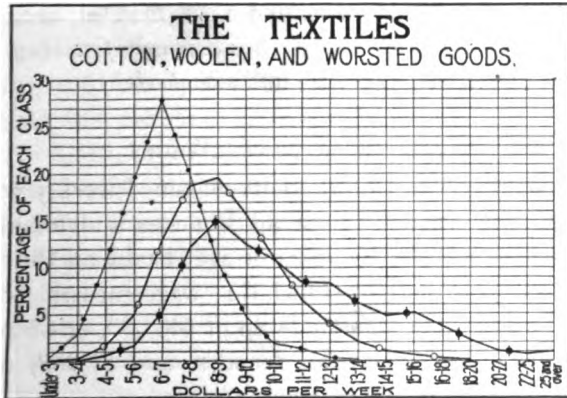
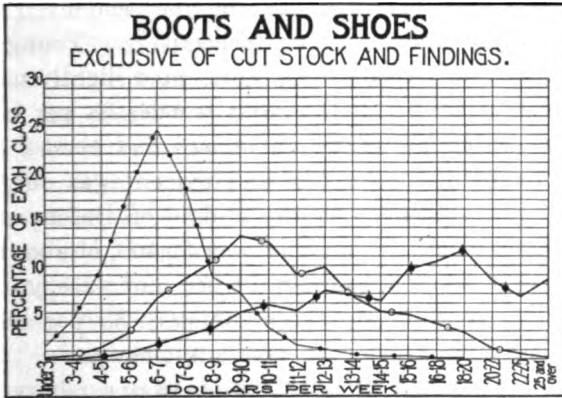
CHART V.

WAGES

IN THE LEADING MANUFACTURING INDUSTRIES

PERCENTAGE OF WAGE-EARNERS IN SPECIFIED WAGE-GROUPS

Males over 18 —◆— Females over 18 —○— Males & Females under 18 —●—



253,592, or 57 per cent, were in the medium wage group, and 156,448 wage-earners, or 35 per cent, in the high wage group. The corresponding percentages in the same groups for 1912 were 10, 57, and 33 respectively. Apparently two per cent advanced from the low wage group into the medium, and two from the medium into the high. *Of the total number of adult females* employed during the largest week, 189,743, 40 per cent received less than \$8 per week, 56 per cent ranged between \$8 and \$15, and only four per cent were paid at rates of \$15 and over per week, as against percentages in 1912 of 43, 53, and four, respectively. *Of the total number of young persons*, 57,298, approximately 83 per cent were paid rates less than \$8 per week, the largest single wage class; \$6 to \$7, enrolling 14,440, or one-fourth of the operatives; nearly 10,000 (9,851) or 17 per cent, were paid at rates ranging between \$8 and \$15, and the numbers in the wage classes over \$15 were negligible. The corresponding percentages for 1912 were 86 and 14.

In *Boots and shoes* the total for the industry employed during the largest week, 92,549, was made up of 56,520, or 61 per cent, males; 29,201, or 32 per cent, females; and 6,828, or seven per cent, young persons. Five per cent of *the adult males*, 2,931 wage-earners, were in the low wage group, 22,403 wage-earners, or about 40 per cent, were paid rates ranging from \$8 to \$15 per week, and 31,186 wage-earners, or 55 per cent, were in the wage classes \$15 and over, the class \$15 but under \$16 per week, containing the median. *Of the total number of adult females*, 29,201, — 5,846, or 20 per cent, were paid at rates less than \$8 per week, 19,404 wage-earners, or 66.5 per cent, were in the medium wage group, and 3,951, or 13.5 per cent, were paid at rates of \$15 and upwards. The median wage class for females in this industry is \$10 to \$11 per week. *Of the total number of young persons*, 6,828, — 5,250, or approximately 77 per cent, were in classes paid less than \$8 per week, 1,544, or 23 per cent, were in the medium wage group, and the number in the high wage group (34 wage-earners) was negligible.

In *Cotton goods, including Cotton small wares* there was a total of 121,943 wage-earners employed during the largest week, 59,550, or 48.8 per cent, being adult males, 48,717, or 40 per cent, adult females, and 13,676, or 11.2 per cent, young persons. *Of the adult males*, 14,565 wage-earners, or about 25 per cent.

were in the low wage group, as against 28 per cent in 1912, 64 per cent in the medium wage group, as against 61 per cent in 1912, and slightly more than 11 per cent in the high wage group. The median wage class for males in this industry was \$9 to \$10 per week. Of the *adult females*, the low wage group contained 18,429, or approximately 38 per cent of the wage-earners, as against 43 per cent in 1912, the medium wage group 30,106, or about 62 per cent of the wage-earners, as against 56 per cent in the year preceding, while the high wage group was represented by only 182 wage-earners, or less than one per cent. The wage class containing the median for females was \$8 to \$9 per week. Of the *young persons* employed in this industry, 79.8 per cent were paid less than \$8 per week, as against 84 per cent in 1912, the wage most frequently recurring being \$6 to \$7 per week.

In *Electrical machinery, apparatus, and supplies* the total number of wage-earners during the largest week was 24,451, of whom 18,446, or 75 per cent, were males, 3,605, or 15 per cent, females, and 2,400, or 10 per cent, young persons under 18 years of age. The high wage classes in this industry are represented by 46.7 per cent of the males, the medium wage group contained 50.4 per cent, and the low wage group, those receiving under \$8 among the adult males, constituted less than three per cent. The females in this industry group themselves principally in the wage classes \$8 and \$9 per week, although the classes \$5 to \$7, inclusive, have upwards of one-third of the wage-earners. In the wage classes \$10 per week and over among the adult females there were 703 wage-earners, or about 20 per cent of the operatives. As in the other industries the *young persons* in Electrical machinery, apparatus, and supplies fall principally in the wage classes \$5, \$6, and \$7 per week, although there is a representation of a little over 10 per cent in the lower wage classes, presumably including apprentices.

In *Leather, tanned, curried, and finished*, out of a total of 12,036, 11,618, or 97 per cent, were males, the number of females and young persons in the industry comprising little more than three per cent of the total. In this industry, the wage most frequently recurring is \$10 to \$11 per week, but the classes beyond this point contain 51 per cent of the wage-earners.

In *Paper and wood pulp* the median wage class for males was \$11 to \$12 per week, although the class next lower contained

the largest single group of wage-earners, 2,260, or 22 per cent of the total males. The classes \$9 to \$10 and \$12 to \$13 had an enrollment of 15.3 and 15.7 per cent of the wage-earners respectively, while the high wage group, \$15 and over, had approximately one-fourth of the males. The wage most frequently found among the females was that of \$6 per week, fully one-third of the wage-earners appearing in this wage class. The next two classes, \$7 to \$8 and \$8 to \$9, had respectively 20 and 22.5 per cent of the wage-earners, and the higher wage classes, those receiving \$9 and over, in this industry aggregated 772 wage-earners, or about 17 per cent.

In *Woolen and worsted goods (including felt goods and wool hats)* the total number of operatives employed during the largest week was 60,377, comprising 32,552, or 54 per cent, males, 20,486, or 34 per cent, females, and 7,339, or 12 per cent, young persons. *Of the adult males*, the largest single group is in the \$8 to \$9 wage class, containing 5,172 wage-earners, or approximately 16 per cent. In the wage classes paid at rates \$11, \$12, \$13, and \$14 respectively, there was an additional 30 per cent of the wage-earners, and the high wage group in this industry among the males was represented by 19 per cent, or nearly one-fifth of the total. *Of the adult females*, the group containing the largest number, 4,555, or 22 per cent of the total, fell in the \$7 wage class. The next higher class, those paid at rates \$8 but under \$9, had 3,742, or 18 per cent; classes \$9, \$10, and \$11, respectively, embraced in turn 11, nine, and six per cent of the operatives, and the high wage-classes, those paid \$15 and over, contained less than three per cent of the adult females. As in Cotton goods, the rate most frequently recurring for *young persons* in this industry is \$6 to \$7 per week, 37.3 per cent appearing in this wage class, with 24 per cent at the next higher rate, \$7 but under \$8 per week, and as in the class \$5 but under \$6 there were 1,219 young persons, or 16.6 per cent of the wage-earners, these three classes contained over three-fourths of the operatives.

The percentages for the leading industries, with the figures on which they are based, are brought together in the following table, and in this connection attention is called to Chart V., facing page xxviii, in which the data for Boots and shoes and the textile industries are graphically presented.

All Industries.

SEX AND AGE.	Aggre- gates	Un- der \$3	\$3		\$4		\$5		\$6		\$7		\$8		\$9		\$10		\$11		\$12		\$13		\$14		\$15		\$16		\$17		\$18		\$19		\$20		\$21		\$22		\$23		\$24		\$25		\$26		\$27		\$28		\$29		\$30		\$31		\$32		\$33		\$34		\$35		\$36		\$37		\$38		\$39		\$40		\$41		\$42		\$43		\$44		\$45		\$46		\$47		\$48		\$49		\$50		\$51		\$52		\$53		\$54		\$55		\$56		\$57		\$58		\$59		\$60		\$61		\$62		\$63		\$64		\$65		\$66		\$67		\$68		\$69		\$70		\$71		\$72		\$73		\$74		\$75		\$76		\$77		\$78		\$79		\$80		\$81		\$82		\$83		\$84		\$85		\$86		\$87		\$88		\$89		\$90		\$91		\$92		\$93		\$94		\$95		\$96		\$97		\$98		\$99		\$100																																																																																																																																																																																																																																																																																																																																																																												
			but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under	over	but under

Cotton Goods (Including Cotton Small Ware).

Totals,	893	3,538	7,002	12,000	19,037	30,026	16,431	13,522	8,336	6,100	4,299	2,971	2,964	1,715	974	530	450	572
Per cent,	0.7	2.9	8.7	10.4	16.1	16.4	13.6	10.3	7.3	5.0	3.5	2.4	2.3	1.4	0.8	0.4	0.4	0.6
Males (18 years and over),	120	592	1,247	3,064	8,785	8,999	7,165	6,523	5,391	4,508	3,438	2,644	2,547	1,558	966	536	450	572
Per cent,	0.3	1.0	2.3	6.2	14.7	14.6	12.0	10.9	8.9	7.6	5.7	4.4	4.3	2.8	1.6	0.9	0.8	1.0
Females (18 years and over),	41	214	1,048	2,898	5,894	8,424	9,816	5,712	3,301	1,558	800	325	114	56	8	4	-	-
Per cent,	0.1	0.4	2.8	6.8	18.1	17.3	20.8	11.7	6.8	3.2	1.6	0.7	0.3	0.1	1-	3-	-	-
Young persons (under 18 years of age),	558	1,888	2,847	3,112	2,418	1,511	672	268	244	34	11	3	3	1	-	-	-	-
Per cent,	4.1	13.8	20.8	22.8	17.7	11.0	4.9	2.1	1.3	0.3	0.1	1-	1-	2-	-	-	-	-

Electrical Machinery, Apparatus, and Supplies.

Totals,	50	261	1,077	1,024	1,292	2,108	2,478	1,594	1,460	1,477	1,564	1,233	1,500	3,033	2,045	871	670	431
Per cent,	0.3	1.1	4.4	4.2	5.3	8.6	10.1	6.5	6.4	6.9	6.4	5.3	6.6	12.4	8.4	3.6	2.7	1.8
Males (18 years and over),	4	4	59	136	320	906	1,798	1,240	1,276	1,365	1,537	1,253	1,579	3,014	2,063	871	670	431
Per cent,	1-	1-	0.5	0.8	1.8	4.9	9.4	6.7	6.9	7.4	8.3	6.8	8.6	16.3	11.1	4.7	2.6	2.4
Females (18 years and over),	7	38	459	374	491	987	599	300	247	93	23	17	14	6	3	-	-	-
Per cent,	0.3	1.1	11.9	10.4	13.6	23.5	16.6	8.3	6.3	2.6	0.6	0.5	0.4	0.1	-	-	-	-
Young persons (under 18 years of age),	39	219	589	514	481	245	135	64	37	19	14	14	16	12	9	-	-	-
Per cent,	1.6	9.1	24.5	21.4	20.0	10.2	5.6	2.3	1.6	0.8	0.6	0.6	0.7	0.6	0.4	-	-	-

1 Less than one-tenth of one per cent.

2 Less than one one-hundredth of one per cent.

Leather, Tanned, Curled, and Finished.

SEX AND AGE.	Aggre- gates	Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$7	\$7 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$25	\$25 but under \$35	\$35 but under \$50	\$50 but under \$75	\$75 but under \$100	\$100 but under \$150	\$150 but under \$200	\$200 but under \$300	\$300 but under \$500	\$500 but under \$750	\$750 but under \$1,000	\$1,000 but under \$1,500	\$1,500 but under \$2,000	\$2,000 but under \$3,000	\$3,000 but under \$5,000	\$5,000 but under \$10,000	\$10,000 but under \$25,000	\$25,000 but under \$50,000	\$50,000 but under \$100,000	\$100,000 but under \$250,000	\$250,000 but under \$500,000	\$500,000 but under \$1,000,000	\$1,000,000 but under \$2,500,000	\$2,500,000 but under \$5,000,000	\$5,000,000 but under \$10,000,000	\$10,000,000 but under \$25,000,000	\$25,000,000 but under \$50,000,000	\$50,000,000 but under \$100,000,000	\$100,000,000 but under \$250,000,000	\$250,000,000 but under \$500,000,000	\$500,000,000 but under \$1,000,000,000	\$1,000,000,000 but under \$2,500,000,000	\$2,500,000,000 but under \$5,000,000,000	\$5,000,000,000 but under \$10,000,000,000	\$10,000,000,000 but under \$25,000,000,000	\$25,000,000,000 but under \$50,000,000,000	\$50,000,000,000 but under \$100,000,000,000	\$100,000,000,000 but under \$250,000,000,000	\$250,000,000,000 but under \$500,000,000,000	\$500,000,000,000 but under \$1,000,000,000,000	\$1,000,000,000,000 but under \$2,500,000,000,000	\$2,500,000,000,000 but under \$5,000,000,000,000	\$5,000,000,000,000 but under \$10,000,000,000,000	\$10,000,000,000,000 but under \$25,000,000,000,000	\$25,000,000,000,000 but under \$50,000,000,000,000	\$50,000,000,000,000 but under \$100,000,000,000,000	\$100,000,000,000,000 but under \$250,000,000,000,000	\$250,000,000,000,000 but under \$500,000,000,000,000	\$500,000,000,000,000 but under \$1,000,000,000,000,000	\$1,000,000,000,000,000 but under \$2,500,000,000,000,000	\$2,500,000,000,000,000 but under \$5,000,000,000,000,000	\$5,000,000,000,000,000 but under \$10,000,000,000,000,000	\$10,000,000,000,000,000 but under \$25,000,000,000,000,000	\$25,000,000,000,000,000 but under \$50,000,000,000,000,000	\$50,000,000,000,000,000 but under \$100,000,000,000,000,000	\$100,000,000,000,000,000 but under \$250,000,000,000,000,000	\$250,000,000,000,000,000 but under \$500,000,000,000,000,000	\$500,000,000,000,000,000 but under \$1,000,000,000,000,000,000	\$1,000,000,000,000,000,000 but under \$2,500,000,000,000,000,000	\$2,500,000,000,000,000,000 but under \$5,000,000,000,000,000,000	\$5,000,000,000,000,000,000 but under \$10,000,000,000,000,000,000	\$10,000,000,000,000,000,000 but under \$25,000,000,000,000,000,000	\$25,000,000,000,000,000,000 but under \$50,000,000,000,000,000,000	\$50,000,000,000,000,000,000 but under \$100,000,000,000,000,000,000	\$100,000,000,000,000,000,000 but under \$250,000,000,000,000,000,000	\$250,000,000,000,000,000,000 but under \$500,000,000,000,000,000,000	\$500,000,000,000,000,000,000 but under \$1,000,000,000,000,000,000,000	\$1,000,000,000,000,000,000,000 but under \$2,500,000,000,000,000,000,000	\$2,500,000,000,000,000,000,000 but under \$5,000,000,000,000,000,000,000	\$5,000,000,000,000,000,000,000 but under \$10,000,000,000,000,000,000,000	\$10,000,000,000,000,000,000,000 but under \$25,000,000,000,000,000,000,000	\$25,000,000,000,000,000,000,000 but under \$50,000,000,000,000,000,000,000	\$50,000,000,000,000,000,000,000 but under \$100,000,000,000,000,000,000,000	\$100,000,000,000,000,000,000,000 but under \$250,000,000,000,000,000,000,000	\$250,000,000,000,000,000,000,000 but under \$500,000,000,000,000,000,000,000	\$500,000,000,000,000,000,000,000 but under \$1,000,000,000,000,000,000,000,000	\$1,000,000,000,000,000,000,000,000 but under \$2,500,000,000,000,000,000,000,000	\$2,500,000,000,000,00
--------------	-----------------	-------------------	----------------------------	----------------------------	----------------------------	----------------------------	-----------------------------	------------------------------	------------------------------	------------------------------	------------------------------	------------------------------	------------------------------	------------------------------	------------------------------	------------------------------	------------------------------	------------------------------	------------------------------	-------------------------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------	----------------------------------	------------------------------------	------------------------------------	------------------------------------	------------------------------------	-------------------------------------	--------------------------------------	--------------------------------------	---------------------------------------	--	--	--	--	--	---	--	--	---	--	--	--	--	--	---	--	--	---	--	--	--	--	--	---	--	--	---	--	--	--	--	--	---	--	--	---	--	--	--	--	--	---	--	--	---	--	--	--	--	--	---	--	--	---	--	--	--	--	------------------------

Paper and Wood Pulp.

[illegible]

AVERAGE YEARLY EARNINGS.

The total amount paid in wages in All Industries rose from \$335,553,704 in 1912, to \$351,299,706 in 1913, a gain of 4.7 per cent.

The *average yearly earnings* for All Industries for 1913 as obtained from a division of the total amount paid in wages by the average number of wage-earners was \$569.43 (Table I a). As shown by these Annual Reports for several years, the industry *Malt liquors* exhibits the highest average yearly earnings, \$957.25. High average earnings are also shown for the relatively important industries, — *Automobiles, including bodies and parts*, \$816.84; *Monuments and tombstones*, \$814.56; and *Lasts*, \$812.02. Among the principal industries, average yearly earnings appear as follows: *Boots and shoes*, \$625.03; *Cotton goods*, \$459.05; *Electrical machinery, apparatus, and supplies*, \$639.69; *Foundry and machine-shop products*, \$692.31; *Leather, tanned, curried, and finished*, \$594.75; *Paper and wood pulp*, \$571.17; *Woolen and worsted goods*, \$481.94.

Among the cities of the State the average yearly earnings for *all industries* appear as follows: *Boston*, \$622.11; *Worcester*, \$625.38; *Brockton*, \$679.32; *Haverhill*, \$643.15; *Lynn*, \$641.01; *New Bedford*, \$506.50; *Lawrence*, \$478.80; *Lowell*, \$468.39; *Fall River*, \$446.25; *Cambridge*, \$598.75. Some of the other important cities showing high average yearly earnings are *Springfield*, \$657.43; *Somerville*, \$600.32; *Quincy*, \$755.98, and *Pittsfield*, \$664.31.

DAYS IN OPERATION.

The average number of days in operation, by industries, is presented in table VI a, pages 124 to 126, and by cities and towns in table VI b, pages 126 and 127. The number of working days exclusive of 52 Sundays and 8 holidays was 305 in 1913 as against 306 days in 1912. In 1913 the average running time for All Industries, as shown in the table, was 289.2 days, a slight decrease as compared with the previous year when the average running time for All Industries was 291.8 days. In a normal year, the shut-downs for vacation and repairs usually amount to about two weeks, or 12 working days, so that the

time lost in 1913 was slightly in excess of normal, amounting to 15.8 days.

In the leading industries the running time appears as follows: — for *Boots and shoes*, 288 days; *Cotton goods*, 290 days; *Electrical machinery, apparatus, and supplies*, 298 days; *Leather, tanned, curried, and finished*, 276 days; *Paper and wood pulp*, 280 days; *Woolen and worsted goods*, 282 days. The presentation by cities shows average running time in the manufacturing establishments in *Boston* of 292 days, in *Worcester* and *Cambridge*, respectively, 294 days; in *Lynn*, *Lawrence*, and *Fall River*, 293 days; in *New Bedford*, 296 days, and in *Lowell*, 290 days.

CONCLUSION.

Taken as a whole and making proper allowance for the unusual conditions existing in the woolen and worsted goods industry, the year 1913 may be regarded as one of approximately normal growth and improvement in all of the elements surrounding production. In the light of current events, it cannot fail to be apparent that it is to the industries of the United States that the markets of the world must look for their source of supply, and it, therefore, may not be out of place here to point out to the manufacturers of Massachusetts and especially to those engaged in what may be considered in a more particular and intimate way our principal industries, namely, — *Cotton goods* and *Boots and shoes*, — that there is for them a new and hitherto almost untouched field for expansion in territory brought into accessibility by the opening of the Panama Canal, and that in South America alone there is a market for more than \$100,000,000 in cotton goods and an important, if not so extensive a field for exploitation in manufactures of boots and shoes.

To their credit be it said that some of our manufacturers have not been careless of their opportunity in the export field, although the total of approximately \$4,000,000 in Boots and shoes and a slightly greater amount in Cotton goods (including Cotton small wares) are not appreciably large holdings, considering the vast output in these industries in 1913 as shown by this report, \$216,667,911 and \$211,985,220, respectively.

It is, of course, not to be expected that these markets will

come to us without effort, without establishing the proper financial machinery, and the means of transportation. Nevertheless, as it is true that "trade follows the flag," it would seem also to be true that ships must follow the trade, and that if there is sufficient business to warrant it, it is probably only a matter of time when the capital will be found and the ships secured, in order that the best business interests of all concerned may be subserved.

CHARLES F. GETTEMY,
Director, Bureau of Statistics.

STATE HOUSE, BOSTON, November 30, 1914.

TABULAR PRESENTATIONS.
1913.

[1]

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913.

A. THE STATE: BY INDUSTRIES.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number		Smallest Number	Greatest Number		
						Males	Females		Both Sexes		
THE STATE.											
Agricultural implements,	2,405	\$1,345,461,975	\$961,778,479	\$351,299,796	\$469.43	422,559	194,363	616,927	517,135	795,067	\$1,658,725,363
Artificial stone,	5	1,022,566	396,555	299,083	651.00	459	-	459	379	539	865,433
Automobiles, including bodies and parts,	28	521,153	134,824	176,028	765.34	230	-	230	161	335	475,002
Awning, tents, and sails,	57	9,349,387	5,019,579	3,402,154	816.84	4,128	37	4,165	3,218	5,209	11,965,702
Baskets and rattan and willow ware,	43	433,421	558,561	220,811	625.53	234	119	353	226	530	992,742
Belting and hose, leather,	14	248,564	141,505	103,902	455.32	205	9	214	197	231	339,823
Belting and hose, woven,	15	4,643,692	4,351,262	743,367	611.83	1,172	43	1,215	1,186	1,254	6,845,972
Bicycles, motorcycles, and parts,	6	823,841	505,014	97,125	574.70	98	71	169	146	204	847,487
Billiard tables and materials,	6	5,411,381	4,613,960	2,183,298	781.14	2,793	2	2,795	1,710	3,555	9,690,469
Blacking,	4	90,958	55,291	17,422	871.10	20	-	20	19	24	113,499
Bookbinding and blank-book making,	50	1,421,180	1,948,990	276,743	535.29	247	270	517	429	607	3,715,683
Boot and shoe cut stock and findings,	57	2,993,887	1,424,223	1,369,039	553.39	1,270	1,203	2,473	2,217	2,785	4,051,057
Boots and shoes,	375	19,555,393	41,927,629	4,358,015	524.43	5,777	2,533	8,310	6,235	10,379	53,009,872
Boots and shoes, rubber,	483	86,918,333	130,961,171	50,770,185	635.08	53,224	28,004	61,283	66,263	93,974	216,667,911
Boxes, cigar,	8	18,370,441	11,102,868	4,241,613	533.07	4,332	3,125	7,967	6,509	8,829	24,733,926
Boxes, fancy and paper,	4	208,309	146,002	83,764	507.66	83	82	165	168	174	301,088
Boxes, wooden packing,	95	4,054,198	3,402,632	1,953,130	454.78	1,468	2,897	4,295	3,909	4,826	6,895,723
Boxes, wooden packing,	99	6,624,278	5,724,236	1,999,437	530.94	3,390	357	3,747	3,272	4,216	9,291,374

Brass and bronze products,	69	5,303,434	4,943,999	1,316,376	673.59	1,913	43	1,965	1,072	2,319	7,392,411
Bread and other bakery products,	804	8,996,715	10,197,690	3,069,470	607.51	5,081	1,425	6,506	6,018	7,038	28,331,835
Brick and tile,	45	1,770,608	290,025	541,497	623.84	898	-	868	421	1,018	1,109,103
Brooms,	23	196,682	242,350	61,766	506.28	113	9	122	105	136	433,997
Brushes,	27	2,771,038	2,056,146	751,339	479.81	771	795	1,566	1,411	1,671	3,740,618
Butter,	16	100,398	698,274	36,014	604.98	43	-	43	41	47	781,834
Buttons,	11	1,185,929	504,324	366,615	455.99	368	436	804	707	933	1,178,065
Canning and preserving,	55	3,601,896	5,499,883	767,008	490.98	1,218	414	1,632	1,363	2,143	7,143,545
Card cutting and designing,	4	109,577	34,354	26,496	466.83	27	31	58	39	80	96,564
Carpets and rugs, other than rag,	11	15,278,659	8,166,640	2,774,163	484.49	3,193	2,533	5,736	5,201	6,243	12,853,396
Carpets, rag,	17	51,019	28,303	43,327	486.01	74	13	87	66	102	144,174
Carriages and sleds, children's,	5	1,281,331	1,353,537	520,284	609.23	743	111	854	694	1,092	2,084,051
Carriages and wagons and materials,	89	2,397,423	1,063,657	812,531	707.78	1,146	3	1,146	942	1,340	2,604,408
Cars and general shop construction and repairs by steam-railroad companies,	23	6,281,319	4,260,918	4,648,717	753.32	6,151	30	6,171	5,806	6,464	8,901,632
Chemicals,	21	6,844,787	3,674,790	923,937	683.19	1,296	97	1,393	1,179	1,557	7,083,081
Cleaning and polishing preparations,	15	183,039	243,863	32,920	548.67	44	16	60	51	68	464,599
Clocks,	9	799,061	122,563	213,801	724.75	269	36	295	221	345	497,899
Cloth sponging and refinishing,	4	32,788	1,795	35,254	665.17	53	-	53	43	59	61,845
Clothing, men's,	206	8,732,765	9,965,410	3,444,363	592.61	2,634	3,179	5,813	4,256	7,309	18,481,899
Clothing, women's,	184	5,083,449	7,291,377	2,063,218	506.98	1,425	4,637	6,062	4,196	7,394	13,812,249
Coffee and spice, roasting and grinding,	16	2,784,199	5,853,725	244,132	637.59	236	183	389	366	417	7,633,666
Coffins, burial cases, and undertakers' goods,	12	1,119,166	467,423	226,123	634.15	312	43	355	330	379	974,257
Combs and hairpins,	25	1,977,615	1,890,126	1,021,439	498.02	1,491	560	2,051	1,580	2,688	3,568,840

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used.	Amount of Wages Paid during the Year	WAGE-EARNERS EMPLOYED					Value of Product
					Average Yearly Earnings	Average Number			Greatest Number	
						Males	Both Sexes			
							Females			
The State — Continued.										
Confectionery,	121	\$10,192,120	\$12,705,701	\$2,780,212	1,882	5,343	7,225	5,642	8,992	\$20,175,141
Cooperage,	36	1,534,447	1,052,266	444,274	796	13	809	742	879	1,748,919
Copper, tin, and sheet-iron products, 1	122	3,893,551	3,186,694	1,588,538	2,310	318	2,628	2,239	3,063	6,538,090
Cordage and twine,	13	10,011,017	10,041,676	1,134,863	430.36	2,121	516	2,637	2,384	13,361,197
Cordials and sirups,	7	225,393	380,194	40,953	671.36	41	20	61	55	614,481
Corsets,	11	2,867,321	2,622,398	1,151,545	386.81	326	2,651	2,977	2,747	5,714,608
Cotton goods,	167	254,547,295	127,694,943	52,772,649	459.05	61,687	53,273	114,960	103,611	210,372,717
Cotton small wares,	23	1,655,285	909,571	383,863	437.70	369	508	877	749	1,612,503
Cutlery and tools, not elsewhere specified, .	137	17,856,629	3,787,256	4,513,372	633.10	6,237	892	7,129	6,215	13,760,732
Dairymen's, poultryers', and apiarists' supplies,	4	29,872	45,439	11,697	531.68	18	4	22	18	77,468
Dentists' materials,	8	84,462	443,468	39,869	595.06	40	27	67	60	542,057
Dyeing and finishing textiles,	49	32,840,538	13,337,777	6,030,716	515.98	9,466	2,222	11,688	9,869	25,125,931
Dyestuffs and extracts,	14	656,383	776,094	69,102	628.20	106	4	110	91	1,159,481
Electrical machinery, apparatus, and sup- plies,	80	33,135,690	25,133,493	14,352,758	639.69	18,168	4,269	22,437	19,075	54,433,691
Electroplating,	41	218,416	130,669	105,557	656.97	232	20	252	203	447,959

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.
 A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used.	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number		Smallest Number	Greatest Number		
						Males	Females		Both Sexes		
The State — Continued.											
Hardware,	40	\$3,816,022	\$1,431,631	\$1,046,496	\$622.66	1,553	126	1,679	1,411	1,973	\$3,236,230
Hats and caps, other than felt, straw, and wool,	30	210,723	387,275	179,526	608.56	194	101	296	255	352	807,667
Hats, felt,	11	2,551,055	1,415,855	670,314	499.64	833	546	1,369	1,067	1,743	2,314,930
Hats, straw,	20	2,860,996	4,018,439	1,701,973	627.80	1,040	1,671	2,711	999	4,671	7,576,699
Hosiery and knit goods,	66	14,660,406	8,909,064	4,813,407	448.22	2,932	7,807	10,739	8,938	12,099	16,068,510
House-furnishing goods, not elsewhere specified,	26	1,228,396	1,024,674	406,878	501.70	533	228	811	688	965	1,898,551
Instruments, professional and scientific,	22	1,256,435	361,697	450,437	720.98	528	69	597	511	722	1,387,741
Iron and steel, steel works and rolling mills,	7	14,749,801	11,029,400	2,413,181	755.54	3,056	138	3,104	2,634	3,556	14,680,756
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,	9	2,618,499	1,228,310	866,461	619.44	978	494	1,462	1,312	1,455	2,933,416
Iron and steel forgings,	11	1,714,696	816,738	543,874	837.81	657	-	667	567	724	2,399,083
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	23	2,520,616	1,706,964	731,066	590.97	960	287	1,237	1,012	1,363	3,269,383

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used.	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
The State — Continued.											
Mucilage and paste,	14	\$694,537	\$1,109,387	\$61,368	\$632.66	73	24	97	87	106	\$1,545,821
Musical instruments and materials, not specified,	14	178,373	106,743	92,961	628.11	129	19	148	121	172	307,894
Musical instruments, pianos and organs, and materials,	50	11,372,559	3,918,377	2,788,294	659.39	3,944	277	4,221	3,614	4,695	9,209,432
Oil, not elsewhere specified,	16	1,931,926	2,967,659	191,525	617.82	301	9	310	285	342	3,630,809
Optical goods,	10	3,396,576	1,478,867	1,473,968	566.60	1,862	739	2,601	2,453	2,730	4,083,367
Paints and varnishes,	34	3,178,661	3,167,315	354,620	623.23	532	37	569	494	633	5,326,779
Paper and wood pulp,	88	50,197,776	29,931,380	8,197,440	571.17	9,889	4,463	14,352	13,079	15,356	48,402,886
Paper goods, not elsewhere specified,	47	6,701,644	5,949,227	2,274,406	533.40	2,347	1,917	4,264	3,804	4,689	10,960,906
Patent medicines and compounds and druggists' preparations,	75	4,662,782	4,061,616	737,806	493.82	667	828	1,495	1,196	1,848	8,940,786
Photo-engraving,	12	271,237	104,539	281,424	873.99	287	35	322	296	346	712,559
Plumbers' supplies,	19	1,166,768	737,613	430,974	613.06	665	38	703	570	793	1,431,661
Pocketbooks,	6	502,109	341,796	200,559	486.87	136	276	412	335	489	842,243
Pottery, terra-cotta, and fire-clay products, Printing and publishing,	15 131	1,408,816 11,343,696	237,262 5,122,031	315,924 4,712,508	606.72 695.47	488 4,651	31 2,125	519 6,776	485 6,175	646 7,435	737,760 14,657,485

Refrigerators,	11	333,189	173,891	100,431	784.77	128	-	128	78	177	444,327
Regalia and society badges and emblems,	4	54,035	63,749	15,023	484.58	6	25	31	27	38	107,598
Rubber goods, not elsewhere specified,	36	17,874,819	17,020,039	3,279,190	606.92	4,598	805	5,403	4,388	6,381	29,431,507
Saddlery and harness,	38	631,771	573,098	174,330	710.65	240	6	246	171	313	981,903
Sausage, not made in slaughtering and meat-packing establishments,	46	1,094,537	2,468,979	270,785	676.96	397	3	400	386	455	4,345,499
Scales and balances,	3	72,832	12,531	7,463	466.38	15	1	16	15	23	34,100
Screws, machine,	16	1,282,408	439,976	340,006	603.46	553	23	580	533	713	1,028,029
Shipbuilding, wooden, including boat building,	51	891,145	508,256	526,160	535.17	630	-	630	301	896	1,438,692
Shirts,	13	793,327	1,454,373	838,312	463.05	436	1,431	1,917	1,464	2,115	3,290,696
Shoddy,	26	1,532,814	1,204,066	232,076	518.67	431	55	486	383	607	1,790,356
Show cases,	11	83,174	102,373	65,693	537.51	83	-	83	66	108	219,168
Signs and advertising novelties,	11	203,492	126,317	108,463	683.16	110	49	159	123	193	333,129
Silk and silk goods, including throwsters,	16	8,943,377	6,634,737	2,061,185	461.42	1,374	3,063	4,467	4,012	4,923	10,781,460
Silverware and plated ware,	19	7,623,726	3,233,405	1,921,490	700.25	2,331	423	2,744	2,101	3,103	7,201,047
Slaughtering and meat packing,	38	15,751,418	43,690,065	1,331,625	576.53	3,153	25	3,177	2,967	3,447	54,312,644
Soap,	29	2,500,843	3,009,631	265,376	550.96	360	128	438	438	530	5,036,136
Sporting and athletic goods,	16	1,910,473	1,504,979	702,735	589.05	880	313	1,193	949	1,387	3,145,363
Stationary goods, not elsewhere specified,	19	2,879,304	2,150,643	844,432	513.37	681	948	1,639	1,455	1,807	4,396,578
Statuary and art goods,	10	249,681	53,724	66,376	653.05	106	1	107	82	131	199,523
Steam fittings and heating apparatus,	29	8,099,006	3,050,254	2,392,287	666.65	3,480	110	3,590	3,161	3,570	7,634,456
Steam packing,	10	279,890	152,497	55,934	653.05	84	1	85	70	94	367,527
Stereotyping and electrotyping,	13	267,633	96,887	212,533	744.19	265	21	286	267	302	499,449
Stoves and furnaces, not including gas and oil stoves,	14	3,017,206	1,118,682	1,344,705	829.55	1,613	8	1,621	1,449	1,742	3,324,332

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used.	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
The State — Concluded.											
Structural ironwork,	49	\$3,178,823	\$2,533,351	\$1,286,166	\$771.55	1,667	-	1,667	1,351	1,960	\$4,790,984
Surgical appliances,	12	566,438	902,014	140,915	584.71	153	88	241	220	263	1,309,971
Suspenders, garters, and elastic woven goods,	31	5,063,155	4,216,811	1,493,063	481.68	1,001	2,100	3,101	2,700	3,603	7,558,507
Tobacco manufactures,	315	4,275,586	3,833,414	3,238,992	780.29	2,977	1,174	4,151	3,614	4,653	9,465,294
Toys and games,	11	1,264,830	977,101	586,422	469.84	837	419	1,246	789	1,655	2,187,715
Trunks and valises,	19	748,515	728,253	269,113	596.70	337	114	451	289	554	1,338,713
Type founding and printing materials,	8	265,091	58,599	80,463	745.31	86	22	108	107	124	270,785
Upholstering materials,	3	492,065	596,499	70,092	569.85	119	4	123	104	152	853,083
Vinegar and cider,	13	398,749	145,657	31,692	677.88	32	-	32	20	59	235,940
Waste,	9	1,776,124	2,307,615	266,090	415.04	265	266	641	565	727	3,728,093
Watch and clock materials,	6	137,487	39,630	91,224	536.67	60	110	170	122	194	196,176
Whips,	22	2,436,836	1,871,596	573,575	510.75	794	339	1,123	1,004	1,224	3,225,263
Window shades and fixtures,	8	133,467	232,280	32,150	564.04	50	7	57	48	64	305,660
Wire,	7	8,452,090	4,810,389	2,455,395	752.27	3,172	92	3,264	2,992	3,744	8,674,535
Wirework, including wire rope and cable,	31	5,834,887	3,160,373	1,472,201	578.24	2,088	498	2,546	2,280	2,796	6,001,514

Wood, turned and carved,	47	1,566,894	794,547	565,367	454 90	1,377	23	1,300	1,065	1,556	1,716,073
Wooden goods, not elsewhere specified,	26	438,503	365,374	150,819	538 50	240	30	270	213	317	545,082
Wool scouring,	11	1,640,375	473,549	355,815	535 22	577	31	608	385	852	1,065,324
Woolen and worsted goods,	166	137,318,944	72,635,394	23,955,902	481 94	29,638	20,071	49,709	36,991	59,816	119,359,367
All other industries, ¹	183	95,854,818	64,878,279	15,938,397	616 40	19,727	6,130	25,857	22,347	29,357	95,248,465

¹ Embraces Ammunition, 3; Artificial flowers, 2; Artificial limbs, 5; Axle grease, 1; Babbitt metal and solder, 2; Bags, other than paper, 4; Bags, paper, 2; Baking powders and yeast, 4; Baling and hose, rubber, 2; Bluing, 2; Bone, carbon, and lamp black, 2; Butter, reworking, 1; Cars, and general shop construction and repairs by street railroad companies, 2; Cars, steam-railroad, not including operations of railroad companies, 4; Cash registers and calculating machines, 2; China decorating, 1; Chocolate and cocoa products, 5; Clothing, horse, 2; Clothing, men's, buttonholes, 2; Coke, 1; Collars and cuffs, 1; Cork, cutting, 2; Crucibles, 2; Drug grinding, 1; Engravers' materials, 1; Explosives, 2; Fertilizers, 3; Files, 4; Fire extinguishers, chemical, 1; Fireworks, 3; Foundry supplies, 1; Gas machine and gas and water meters, 3; Glass, 2; Gloves and mittens, leather, 3; Hairwork, 2; Hammocks, 3; Hat and cap materials, 2; Hata, wool, 2; Horseshoes, not made in steel works or rolling mills, 2; Ice, manufactured, 6; Ink, printing, 1; Ink, writing, 4; Iron and steel blast furnaces, 1; Iron and steel doors and shutters, 1; Jute and jute goods, 3; Lead, bar, pipe, and sheet, 1; Mats and matting, 1; Needles, pins, and hooks and eyes, 2; Nets and seines, 2; Oilcloth, enameled, 4; Paper patterns, 1; Paving materials, 1; Pens, fountain and stylographic, 2; Pens, gold, 2; Phonographs and graphophones, 1; Photographic materials, 2; Pipes, tobacco, 3; Pumps, not including steam pumps, 2; Roofing materials, 3; Sand and emery paper and cloth, 2; Saws, 8; Screws, wood, 2; Sewing machines and attachments, 6; Shipbuilding, iron and steel, 1; Smelting and refining, not from the ore, 4; Soda-water apparatus 3; Springs, steel, car and carriage, 3; Starch, 4; Stoves, gas and oil, 3; Sugar and molasses refining, not including beet sugar, 3; Sulphuric, nitric, and mixed acids, 1; Typewriters and supplies, 1; Umbrellas and canes, 4; Wall paper, 2; Washing machines and clothes wringers, 1; Watches, 2.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

B. THE 33 CITIES: BY INDUSTRIES.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used.	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number		Smallest Number	Greatest Number		
						Males	Females		Both Sexes		
BEVERLY.											
Boot and shoe cut stock and findings,	44	\$5,584,798	\$3,144,554	\$3,687,149	\$740.39	4,863	695	4,376	5,688	\$7,438,381	
✓ Boots and shoes,	7	143,561	107,585	18,201	587.13	29	2	23	41	167,328	
Bread and other bakery products,	13	1,040,409	1,942,063	845,096	532.44	924	528	1,453	1,737	3,240,355	
Other industries,	5	10,026	44,746	10,946	643.88	16	1	17	17	84,853	
	19	4,370,802	1,060,100	2,792,806	808.66	3,269	164	3,453	3,843	4,043,245	
BOSTON.											
Automobiles, including bodies and parts,	2,104	168,436,578	143,800,538	46,779,311	638.11	49,337	26,357	76,194	61,383	\$3,939,278	
Awnings, tents, and sails,	13	251,995	120,337	159,830	772.13	305	2	207	162	442,963	
Belting and hose, leather,	22	105,686	349,332	128,581	609.39	128	83	211	142	815	
Billiard tables and materials,	4	325,312	669,561	41,324	779.70	50	3	53	52	64	
Blacking,	3	86,908	52,871	16,222	853.79	19	-	19	18	22	
	13	317,145	342,591	55,565	529.19	48	57	105	88	133	
Bookbinding and blank-book making,	26	767,098	345,535	577,174	560.91	442	587	1,029	868	1,432,421	
✓ Boot and shoe cut stock and findings,	33	5,326,552	13,246,318	747,322	588.91	998	271	1,399	1,544	15,541,547	
Boots and shoes,	15	8,331,305	8,436,003	3,905,246	564.91	3,941	2,972	6,913	7,521	14,650,330	
Boxes, fancy and paper,	20	512,548	690,013	444,314	460.43	283	682	965	876	1,426,418	
Boxes, wooden packing,	4	19,305	65,474	27,943	498.98	54	2	56	59	119,420	
Brass and bronze products,	23	242,944	841,691	171,587	749.29	229	-	196	257	645,064	
Bread and other bakery products,	153	3,007,257	4,940,948	1,198,294	533.90	1,473	762	2,061	2,395	10,072,497	

Canning and preserving.	31	793,833	1,339,390	189,748	586.86	188	139	327	297	413	1,887,386
Carriages and wagons and materials.	11	204,380	175,983	175,123	738.02	237	-	237	189	276	471,173
Cleaning and pollishing preparations.	6	106,410	178,547	17,138	519.33	19	14	33	27	40	306,814
Cloth, sponging and refinishing.	4	32,788	1,705	36,264	685.17	53	-	53	43	59	61,845
Clothing, men's, including shirts.	173	7,283,839	8,365,611	2,875,908	627.35	2,298	2,356	4,584	3,392	5,819	15,702,804
Clothing, women's.	128	2,952,101	4,383,276	2,104,384	559.38	1,086	2,676	3,762	2,807	4,712	9,363,353
Coffee and spice, roasting and grinding.	13	2,342,932	5,533,181	222,421	630.00	212	141	353	324	377	7,217,408
Confectionery.	52	7,411,736	9,599,909	2,069,968	378.42	1,254	4,216	5,470	4,150	6,880	15,161,563
Copper, tin, and sheet-iron products.	65	2,294,935	2,025,765	1,022,064	608.75	1,449	220	1,679	1,451	1,046	4,184,146
Cordials and sirups.	7	285,393	380,194	40,953	671.36	41	20	61	55	78	614,481
Cutlery and tools, not elsewhere specified.	16	3,293,718	771,285	580,068	533.36	481	559	1,040	738	1,400	3,245,773
Dentists' materials.	8	84,483	442,468	39,869	595.06	40	27	67	60	70	542,067
Dyestuffs and extracts.	9	355,655	447,404	37,856	630.93	59	1	60	54	67	686,923
Electrical machinery, apparatus, and supplies.	21	4,953,494	3,905,924	1,309,320	636.16	1,621	437	2,058	1,581	2,627	6,838,965
Electroplating.	17	66,172	34,429	72,034	774.56	98	-	93	76	108	170,802
Engraving and dieinking.	7	106,712	69,055	59,265	563.65	63	38	100	89	113	160,917
Fancy articles, not elsewhere specified.	10	176,046	58,759	56,223	466.53	38	82	130	54	218	249,816
Flavoring extracts.	6	321,866	340,577	25,461	530.44	21	27	48	42	55	516,330
Food preparations.	12	501,340	785,942	114,746	594.54	141	52	193	129	284	1,828,856
Foundry and machine-shop products.	133	14,619,901	4,613,273	4,205,216	738.71	5,762	66	5,823	4,330	7,000	12,971,641
Fur goods.	10	524,836	303,029	141,579	705.29	95	86	178	107	225	608,968
Furnishing goods, men's.	7	393,530	434,137	102,868	492.26	39	170	209	143	273	711,117
Furniture.	43	850,991	895,618	581,963	710.25	744	75	819	685	955	2,111,601

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
BOSTON — Continued.											
Galvanizing,	3	\$24,805	\$19,422	\$10,219	\$729.93	14	-	14	11	16	\$37,502
Gas and electric fixtures,	8	132,952	128,029	85,138	803.19	106	-	106	97	121	302,793
Glass, cutting, staining, and ornamenting,	14	81,040	47,284	83,436	731.89	111	3	114	94	129	201,174
Hand stamps and stencils and brands,	15	45,090	18,806	47,579	779.98	59	2	61	56	69	138,366
Hardware,	12	630,438	124,389	107,011	718.19	117	32	149	127	181	267,063
Hats and caps, other than felt, straw, and wool,	25	193,772	376,833	173,556	611.22	188	96	294	245	338	777,927
Hosiery and knit goods,	9	1,018,416	902,682	301,381	410.60	74	600	734	610	834	1,490,119
House-furnishing goods, not elsewhere specified,	5	42,374	89,256	21,367	562.83	23	15	38	33	42	140,411
Instruments, professional and scientific,	12	1,046,432	288,790	369,301	717.09	458	57	515	447	615	1,108,110
Jewelry,	16	391,260	281,439	199,579	718.56	196	40	236	203	261	630,224
Jewelry and instrument cases,	6	103,296	85,806	68,074	492.29	45	93	138	111	164	192,591
Leather goods, not elsewhere specified,	12	335,957	409,243	151,622	539.69	116	165	281	182	358	770,930
Leather, tanned, curried, and finished,	5	126,025	92,962	30,960	672.53	46	-	46	32	83	170,868
Liquors, malt,	17	14,148,317	2,318,536	1,118,746	962.73	1,154	8	1,162	1,105	1,221	8,647,997
Looking-glass and picture frames,	14	127,336	120,268	67,564	671.92	101	-	101	84	117	283,445

Lumber, planing-mill products,	51	1,401,937	1,739,409	763,494	787.11	966	2	970	728	1,190	3,178,070
Marble and stone work,	13	742,143	413,133	437,507	866.35	508	-	506	322	708	1,175,857
Mattresses and spring beds,	18	719,515	1,078,083	285,924	583.95	390	117	507	432	579	1,832,922
Millinery and lace goods,	59	1,381,316	1,660,392	530,364	431.40	169	1,037	1,206	828	1,911	3,046,635
Mineral and soda waters,	17	723,312	539,893	98,385	707.81	137	3	139	99	313	1,377,868
Mirrors,	6	68,535	225,775	60,623	666.18	91	-	91	84	103	387,709
Models and patterns, not including paper patterns,	21	103,508	37,477	112,490	816.47	133	6	139	103	169	288,180
Mucilage and paste,	4	99,217	201,296	17,904	813.82	19	3	22	20	22	278,514
Musical instruments and materials, not specified,	10	132,620	83,890	75,143	670.92	97	15	112	91	129	237,378
Musical instruments, pianos and organs, and materials,	16	4,368,064	1,573,718	1,035,700	732.62	1,396	45	1,441	1,142	1,519	3,641,525
Oil, not elsewhere specified,	5	394,966	1,503,354	92,028	681.69	135	-	135	127	144	1,872,011
Paints and varnishes,	10	981,469	832,037	94,321	615.72	144	10	154	140	168	1,397,308
Paper goods, not elsewhere specified, . .	10	450,933	123,566	68,456	414.88	59	106	165	114	214	287,540
Patent medicines and compounds and druggists' preparations,	39	2,263,466	2,962,331	423,034	490.00	367	535	902	712	1,077	5,264,240
Photo-engraving,	7	190,226	83,575	185,612	879.68	203	8	211	196	226	637,338
Plumbers' supplies,	7	240,450	114,912	97,198	730.77	133	-	133	105	149	261,635
Pottery, terra-cotta and fire-clay products,	4	125,015	45,209	76,173	551.96	114	24	138	138	213	159,551
Printing and publishing,	63	2,892,367	1,450,196	1,515,132	713.34	1,504	680	2,124	1,327	2,437	4,836,928
Refrigerators,	7	194,725	134,536	79,537	864.53	92	-	92	60	117	347,949
Rubber goods, not elsewhere specified, . .	7	506,461	385,105	163,016	492.50	193	128	331	290	413	724,109

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used.	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number		Smallest Number	Greatest Number		
						Males	Females				
											Both Sexes
BOSTON — Concluded.											
Saddlery and harness.	12	\$97,068	\$106,614	\$35,770	\$812.95	44	-	44	43	50	\$203,750
Sausage, not made in slaughtering and meat-packing establishments,	14	388,238	1,179,520	108,439	660.69	156	1	157	141	186	1,568,783
Screws, machine,	6	220,723	121,132	71,946	741.71	91	6	97	87	108	245,720
Shipbuilding, wooden, including boat building,	10	454,878	276,714	316,830	926.40	342	-	342	125	503	767,292
Show cases,	8	58,220	81,013	56,700	831.34	67	-	67	53	86	174,218
Signs and advertising novelties,	4	50,900	45,377	46,664	818.67	52	6	57	47	64	129,128
Slaughtering and meat packing,	7	160,462	2,861,532	48,321	847.74	57	-	57	52	61	3,149,400
Soap,	12	253,245	345,364	40,141	687.16	88	5	68	57	70	538,094
Stationary goods,	4	380,333	340,573	79,784	458.24	79	95	174	151	208	542,757
Statuary and art goods,	10	249,681	53,724	66,876	653.05	106	1	107	82	151	199,522
Steam fittings and heating apparatus, . .	15	4,994,625	1,709,259	1,311,104	673.40	1,849	98	1,947	1,728	2,121	4,106,984
Steam packing,	5	113,490	50,005	31,854	723.95	43	1	44	35	49	171,679
Stereotyping and electrotyping,	6	163,092	76,090	157,096	867.93	181	-	181	169	190	354,444
Structural ironwork,	21	653,335	550,720	336,599	806.41	480	-	480	392	565	1,176,077
Suspenders, garters, and elastic woven goods,	8	1,209,216	1,462,186	370,283	409.61	92	812	904	815	1,032	2,571,452

Tobacco manufactures,	101	3,126,068	2,532,003	2,454,237	2,400,33	2,161	724	2,835	2,528	3,210	6,046,214
Trunks and valises,	12	154,531	168,300	81,903	908,98	111	23	134	97	163	351,966
Type founding and printing materials,	8	202,091	86,599	80,493	745,31	86	22	108	107	124	270,785
Window shades and fixtures,	4	28,322	60,017	8,860	553,75	13	3	10	12	19	97,575
Wirework, including wire rope and cable,	5	44,147	40,203	31,337	700,83	44	1	45	39	49	108,239
Wood, turned and carved,	7	87,325	26,350	16,840	431,14	35	-	35	21	57	61,295
Other industries,	169	33,246,209	35,294,254	8,325,235	636,71	10,203	2,888	13,091	11,664	14,867	50,297,252
BROOKTON.											
Blacking,	134	23,573,570	33,592,055	10,979,908	679,29	11,786	4,376	16,168	13,767	18,146	53,480,638
Boot and shoe cut stock and findings,	13	213,568	363,759	34,859	810,87	37	6	43	38	47	523,186
Boots and shoes,	45	3,229,233	6,805,476	943,224	552,89	1,117	589	1,706	1,419	2,105	9,041,813
Boxes, fancy and paper,	33	15,766,523	23,592,991	8,595,893	702,51	9,939	3,297	12,226	10,576	13,461	37,801,925
Boxes, wooden packing,	6	226,804	147,095	98,109	415,72	63	173	226	202	279	305,641
Bread and other bakery products,	4	168,253	137,590	42,281	631,75	68	-	68	58	73	199,904
Carriages and wagons and materials,	9	58,293	192,948	50,991	835,92	61	-	61	57	65	249,470
Confectionery,	3	41,425	13,210	14,008	324,00	17	-	17	15	19	51,200
Cutlery and tools, not elsewhere specified,	3	331,920	314,566	66,765	430,74	67	88	155	125	204	560,837
Foundry and machine-shop products,	9	124,368	45,161	92,106	368,92	106	-	106	96	116	209,557
Leads,	8	380,948	91,330	136,610	767,47	173	-	173	161	201	465,966
Other industries,	43	2,350,446	219,797	224,133	375,52	255	1	255	232	315	655,841
CAMBRIDGE.											
Automobiles, including bodies and parts,	243	34,512,464	29,555,865	9,848,301	598,75	11,585	4,963	16,448	14,016	18,497	51,865,096
Bookbinding and blank-book making,	6	169,637	67,993	99,761	860,01	115	1	116	100	144	245,992
Boxes, paper and wooden,	5	489,584	174,987	168,361	516,44	153	173	236	312	352	454,232
	5	597,924	367,296	249,298	465,11	226	310	536	500	566	784,662

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product
						Average Number		Smallest Number	Greatest Number	
						Males	Females			
CAMBRIDGE — Concluded.										
Bread and other bakery products, . . .	33	\$1,368,566	\$2,252,391	\$626,828	\$602.72	772	268	1,040	958	\$4,224,507
Carriages and wagons and materials, . .	4	69,310	51,010	47,825	713.81	67	-	67	51	131,988
Chemicals,	4	264,311	68,268	19,610	754.23	25	1	26	19	196,017
Clothing, men's,	3	467,788	528,400	201,022	529.01	130	250	380	300	910,442
Confectionery,	14	1,396,500	1,730,420	397,065	374.59	302	758	1,060	923	2,681,090
Copper, tin, and sheet-iron products, .	7	520,551	424,623	133,832	608.33	210	10	220	187	691,212
Foundry and machine-shop products, .	16	4,414,525	1,452,963	1,212,806	713.42	1,611	89	1,700	1,454	3,374,731
Furniture,	11	1,310,989	405,543	593,929	769.34	760	12	772	639	1,375,001
Looking-glass and picture frames, . .	3	8,488	5,350	4,598	656.86	7	-	7	4	15,885
Lumber, planing-mill products, . . .	7	632,909	650,735	242,170	858.76	282	-	282	232	1,102,569
Marble and stone work,	7	212,143	114,612	135,465	921.53	147	-	147	79	332,322
Musical instruments, pianos and organs, and materials,	7	3,173,543	823,552	645,911	617.51	914	132	1,046	921	2,000,482
Patent medicines and compounds and drug- gists' preparations,	4	232,183	131,895	69,314	537.32	65	64	129	119	321,127
Printing and publishing,	6	2,160,780	1,314,125	1,128,540	660.24	975	660	1,635	1,560	3,057,997
Slaughtering and meat packing, . . .	4	44,324	534,888	21,313	734.93	29	-	29	29	604,561

Structural ironwork,	9	754,899	563,994	206,979	707.83	291	-	291	365	334	993,143
Tobacco manufactures,	4	15,031	27,146	8,484	848.40	8	2	10	8	14	45,044
Wood, turned and carved,	4	79,081	8,359	14,317	681.76	19	2	21	18	26	33,110
Other industries,	80	16,431,718	17,868,645	3,021,873	548.10	4,477	2,131	6,008	5,348	7,391	28,286,983
CHICAGO.											
Boots and shoes,	26	9,439,839	8,961,408	3,570,903	691.68	4,184	1,690	5,744	4,903	6,494	19,167,496
Boxes, fancy and paper,	5	1,433,208	2,834,032	1,210,993	558.06	1,434	746	2,170	1,939	2,416	4,088,986
Bread and other bakery products,	3	213,110	172,992	76,873	402.48	69	122	191	162	227	317,996
Foundry and machine-shop products,	13	106,278	157,590	47,590	767.58	62	-	62	68	68	284,115
Lumber, planing-mill products,	3	84,078	22,915	38,282	780.34	49	-	49	47	51	96,890
Tobacco manufactures,	4	17,680	31,890	17,196	781.64	22	-	22	20	27	64,467
Other industries,	80	7,617,007	5,799,678	2,172,847	670.84	2,550	689	3,299	2,678	3,003	10,876,791
CHICAGO.											
Bread and other bakery products,	40	23,069,397	17,336,173	8,390,968	696.07	6,741	2,808	9,045	7,818	10,817	31,129,891
Brick and tile,	5	46,781	70,916	18,158	789.48	23	-	23	21	26	117,050
Other industries,	30	22,866,178	17,288,632	5,339,125	595.67	6,640	2,302	8,943	7,778	10,028	30,919,967
EVANSTON.											
Boots and shoes,	53	23,555,431	8,891,057	1,853,636	689.56	2,395	447	2,819	2,459	3,376	11,903,469
Bread and other bakery products,	3	308,238	697,643	291,682	557.73	279	344	523	486	614	1,121,674
Foundry and machine-shop products,	4	12,900	26,243	8,476	770.55	11	-	11	11	16	49,990
Other industries,	42	23,387,141	5,112,135	1,533,559	686.99	2,019	183	2,203	1,876	2,563	10,383,017
FALL RIVER.											
Bread and other bakery products,	37	87,347,355	39,308,880	16,196,466	446.35	20,770	18,533	36,968	31,141	39,386	65,881,753
Copper, tin, and sheet-iron products,	59	223,417	443,533	138,555	649.27	196	2	196	192	205	757,688
Other industries,	5	30,806	29,960	19,080	704.44	27	-	27	26	29	66,271

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number		Smallest Number	Greatest Number		
						Males	Females		Both Sexes		
FALL RIVER — Continued.											
Cordage and twine,	4	\$59,190	\$73,882	\$21,615	\$908.76	53	18	70	65	78	\$117,637
Cotton goods,	43	66,132,383	31,135,869	13,060,552	439.37	15,794	13,906	29,708	25,568	31,903	50,094,751
Cotton small wares,	6	653,675	294,429	107,205	341.43	143	171	314	288	332	511,668
Foundry and machine-shop products,	30	951,575	461,475	345,980	536.40	540	105	645	558	747	1,092,213
Lumber, planing-mill products,	5	132,621	164,523	41,346	689.10	60	-	60	54	63	232,937
Marble and stone work,	4	56,317	3,908	25,755	547.98	47	-	47	21	72	40,086
Mineral and soda waters,	3	7,180	5,564	4,853	539.23	9	-	9	8	10	16,368
Monuments and tombstones,	4	32,791	11,922	12,751	913.98	14	-	14	10	17	32,483
Sausage, not made in slaughtering and meat-packing establishments,	6	15,179	112,810	13,285	603.86	20	2	23	21	23	154,283
Tobacco manufactures,	6	7,844	8,524	2,912	582.40	5	-	5	5	8	17,535
Other industries,	52	19,045,045	6,562,231	2,421,607	467.67	3,923	1,255	5,178	4,326	5,539	12,064,744
FITCHBURG.											
Bread and other bakery products,	114	\$1,459,613	15,578,910	4,779,477	540.35	6,960	2,577	8,537	7,536	9,588	\$1,831,546
Confectionery,	18	44,795	143,836	37,328	704.30	53	-	53	50	57	254,840
Cotton goods,	3	13,598	47,080	9,771	610.66	9	7	16	15	17	68,323
Foundry and machine-shop products,	6	5,293,680	3,591,976	1,327,188	452.19	1,506	1,430	2,935	2,604	3,140	5,373,194
Mineral and soda waters,	20	2,084,139	536,155	537,206	656.78	817	1	818	688	963	1,651,650
Other industries,	4	19,090	7,734	4,109	587.00	7	-	7	5	8	24,025

Tobacco manufactures,	5	9,571	8,140	6,250	781.35	7	1	8	8	10	20,646
Wood, turned and carved,	4	35,852	25,317	30,543	536.59	58	—	53	40	69	87,402
Other industries,	54	14,008,968	11,311,972	2,837,083	572.05	3,804	1,138	4,043	4,226	5,564	17,351,246
GLOUCESTER.											
Bread and other bakery products,	72	6,249,051	5,632,050	1,545,916	436.18	1,901	662	2,563	2,009	2,169	8,311,735
Canning and preserving,	4	53,243	95,773	27,204	575.31	38	9	47	44	50	151,376
Clothing, men's,	16	2,621,891	3,569,985	530,179	447.79	946	238	1,164	993	1,523	4,931,472
Foundry and machine-shop products,	5	53,807	96,237	34,739	358.13	20	77	97	93	114	168,575
Shipbuilding, wooden, including boat- building,	4	54,818	21,793	18,047	644.54	28	—	28	26	30	53,656
	11	90,483	27,600	22,626	754.20	30	—	30	22	39	83,085
Tobacco manufactures,	6	8,323	10,784	7,163	551.00	11	2	13	12	13	24,344
Other industries,	32	2,455,317	1,590,378	605,968	530.58	838	236	1,164	949	1,400	3,996,377
HAYMAKILL.											
Boot and shoe cut stock and findings,	316	17,453,366	27,051,307	8,809,459	645.16	9,104	4,598	13,697	10,212	16,281	49,671,548
Boots and shoes,	115	4,014,939	7,217,073	987,068	534.71	1,333	458	1,791	1,265	2,212	9,584,640
Bones, paper and wooden,	116	9,467,208	15,712,164	6,770,097	672.97	6,353	3,707	10,080	7,618	12,363	27,506,440
Bread and other bakery products,	10	553,113	516,943	202,133	539.02	232	143	375	331	412	925,056
Confectionery,	10	43,350	101,184	25,339	745.26	33	1	34	33	35	171,443
	3	3,865	9,090	520	520.00	1	—	1	1	1	14,090
Cutlery and tools, not elsewhere specified,	4	14,907	10,722	15,172	892.47	17	—	17	16	19	41,610
Foundry and machine-shop products,	5	114,013	37,587	47,734	734.37	65	—	65	49	86	112,564
Mineral and soda waters,	3	12,800	12,390	4,671	667.29	7	—	7	3	13	27,316
Models and patterns, not including paper patterns,	6	34,100	15,667	27,357	808.50	24	—	24	20	45	77,303
Printing and publishing,	4	17,799	6,895	10,997	549.55	16	4	20	16	21	32,008
Tobacco manufactures,	4	6,206	3,710	3,598	481.80	6	2	8	7	8	12,457
Other industries,	36	3,301,456	3,391,412	743,669	578.73	1,007	278	1,265	844	1,066	5,162,128

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number		Smallest Number	Greatest Number		
						Males	Females				
											Both Sexes
HOLYOKE.											
Bread and other bakery products, . .	155	\$44,470,114	\$25,800,142	\$9,186,452	\$57.58	9,988	7,455	15,481	19,868	845,904,797	
Foundry and machine-shop products, . .	15	156,047	221,943	50,715	805.00	63	—	61	65	378,115	
Lumber, planing-mill products, . .	13	3,042,743	831,901	757,029	674.11	1,106	17	952	1,373	2,197,493	
Mineral and soda waters, . .	4	279,797	330,021	152,190	724.71	210	—	182	240	638,079	
Paper and wood pulp, . .	3	14,150	10,676	4,620	660.00	7	—	3	12	28,450	
Paper goods, not elsewhere specified, . .	21	14,094,157	8,615,521	2,508,014	537.16	2,901	1,768	4,274	4,941	13,724,004	
Sausage, not made in slaughtering and meat-packing establishments, . .	6	1,261,615	1,499,192	293,210	574.92	361	149	450	584	2,139,724	
Stationary goods, not elsewhere specified, . .	3	15,040	42,437	7,264	810.44	9	—	9	9	54,200	
Tobacco manufactures, . .	6	1,256,215	812,253	276,355	461.36	308	291	599	677	1,538,208	
Other industries, . .	12	51,223	41,210	43,289	672.61	49	15	64	67	128,065	
	50	24,299,117	13,434,988	5,063,766	501.41	4,914	5,245	9,004	11,314	25,077,829	
LAWRENCE.											
Bread and other bakery products, . .	135	\$3,076,053	4,835,013	15,677,553	478.80	17,693	10,873	19,766	34,765	70,805,814	
Brooms, . .	23	174,954	203,121	65,568	705.03	89	4	93	97	520,296	
Carriages and wagons and materials, . .	3	14,533	14,696	4,822	535.75	9	—	7	10	27,826	
Cotton goods, . .	6	696,776	205,075	106,269	647.96	164	—	141	181	427,988	
Foundry and machine-shop products, . .	5	11,180,855	5,034,307	2,103,511	461.91	2,320	2,224	3,476	5,313	8,195,960	
	18	1,281,949	620,648	467,852	642.76	676	83	655	855	1,433,496	

Sausage, not made in slaughtering and meat-packing establishments,	3	25,700	139,376	6,564	731.46	9	-	9	9	9	176,500
Tobacco manufactures,	4	3,572	6,114	6,547	596.18	10	1	11	9	12	18,849
Woolen and worsted goods,	14	62,404,555	37,043,795	8,106,943	445.40	10,238	7,712	17,940	11,354	22,992	45,531,554
Other industries,	59	12,362,139	8,992,767	2,720,386	542.35	4,168	539	5,077	3,995	5,936	13,883,335
LOWELL.											
Boots and shoes,	324	61,509,923	32,604,431	14,552,306	468.39	17,464	13,918	31,078	37,064	34,954	69,322,088
Boxes, fancy and paper,	11	1,293,308	2,406,032	755,985	495.42	1,004	528	1,532	936	1,935	3,697,976
Boxes, wooden packing,	3	163,791	76,530	74,367	450.10	87	108	165	142	197	203,977
Boxes, wooden packing,	7	394,367	555,656	133,567	510.94	263	-	263	249	296	753,560
Bread and other bakery products,	34	170,354	383,688	101,877	688.36	138	10	148	133	156	652,522
Copper, tin, and sheet-iron products,	5	31,171	22,711	23,531	637.32	37	-	37	26	47	71,216
Cotton goods,	8	27,312,226	15,063,005	6,369,338	454.18	7,387	6,738	14,025	13,233	14,759	26,796,370
Cotton small wares,	3	67,007	66,470	21,960	476.23	23	23	46	35	58	103,000
Foundry and machine-shop products,	27	3,873,538	1,543,459	1,329,668	594.40	2,214	23	2,237	1,723	2,992	3,033,266
Lumber, planing-mill products,	8	220,181	106,670	70,275	717.09	96	-	96	86	111	229,769
Monuments and tombstones,	6	15,588	5,806	7,415	570.38	13	-	13	9	20	29,323
Patent medicines and compounds and druggists' preparations,											
Tobacco manufactures,	9	38,074	22,677	12,010	571.90	21	-	21	20	21	47,589
Woolen and worsted goods,	10	3,749,204	1,997,806	826,965	450.08	861	981	1,842	1,370	2,220	3,399,061
Other industries,	98	23,162,458	10,967,601	4,722,665	451.89	5,339	5,122	10,451	9,572	11,386	19,282,166
LYNN.											
Awnings, tents, and sails,	365	34,107,822	43,131,464	18,510,367	641.01	19,659	8,450	23,409	22,770	22,770	78,947,766
Blacking,	3	6,316	10,306	3,938	787.00	4	1	5	2	11	25,735
Boat and shoe cut stock and findings,	11	183,547	358,252	44,004	793.17	57	1	58	53	66	743,806
Boots and shoes,	87	4,523,704	11,137,466	866,271	530.48	1,297	426	1,832	1,140	2,070	13,681,057
Boxes, fancy and paper,	106	13,481,243	18,059,115	8,859,660	685.36	7,547	5,380	12,927	9,716	12,710	32,077,637
Boxes, fancy and paper,	4	186,185	207,453	103,003	497.60	96	111	207	186	220	422,130

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments.	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product											
						Average Number		Smallest Number	Greatest Number												
						Males	Females														
						Both Sexes															
LYNN — Continued.																					
Boxes, wooden packing,	3	\$235,422	\$237,888	\$115,651	\$509.48	125	102	227	200	246	\$470,213										
Bread and other bakery products,	14	165,379	274,465	80,072	684.38	108	9	117	114	119	504,950										
Carriages and wagons and materials,	5	38,363	11,907	21,180	756.43	28	-	28	18	37	50,040										
Confectionery,	3	34,627	34,418	7,807	487.94	11	5	16	9	21	53,736										
Cutlery and tools, not elsewhere specified,	5	22,320	9,089	21,055	779.81	27	-	27	27	33	44,416										
Foundry and machine-shop products,	20	676,900	137,264	245,417	750.81	327	-	327	280	373	603,916										
Laths,	8	283,796	108,601	141,702	819.09	173	-	173	149	201	428,002										
Leather, tanned, curried, and finished,	8	1,707,703	2,189,987	265,726	519.02	512	-	512	436	578	3,054,540										
Lumber, planing-mill products,	5	201,758	218,487	54,563	699.53	78	-	78	63	94	323,607										
Mineral and soda waters,	3	45,266	23,444	9,846	703.29	14	-	14	8	24	65,611										
Models and patterns, not including paper patterns,											11	131,937	53,332	78,291	731.60	97	10	107	66	167	223,139
Printing and publishing,											11	189,904	87,638	74,124	607.57	91	31	122	104	135	292,695
Tobacco manufactures,											5	4,666	7,041	7,039	586.58	11	1	12	8	18	20,368
Other industries,											54	11,988,297	9,915,322	7,209,028	609.95	9,446	2,373	11,819	10,198	12,713	24,862,178
MALDEN.											63	7,550,551	3,791,896	1,407,391	\$10.81	1,433	1,333	2,755	3,086	7,866,779	
All industries,											63	7,550,551	3,791,896	1,407,391	\$10.81	1,432	1,333	2,755	3,086	7,866,779	

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number		Smallest Number	Greatest Number		
						Males	Females				Both Sexes
NORTH ADAMS.	50	\$12,345,242	\$5,644,173	\$8,747,061	\$532.27	3,495	1,668	5,161	4,354	5,352	\$10,324,309
Bread and other bakery products,	7	202,601	378,437	76,303	448.84	97	73	170	134	208	609,130
Foundry and machine-shop products,	5	344,982	107,234	133,288	683.53	195	—	195	187	204	346,306
Mineral and soda waters,	4	4,025	3,337	2,132	710.67	3	—	3	3	3	8,200
Saddlery and harness,	3	17,525	12,210	10,409	743.50	14	—	14	12	17	32,710
Tobacco manufactures,	7	23,533	37,462	30,764	654.55	43	4	47	46	51	89,130
Other industries,	24	11,752,576	5,105,293	2,494,165	527.08	3,143	1,589	4,732	3,972	5,469	9,238,833
NORTHAMPTON.	50	8,283,430	4,689,516	2,004,036	570.46	2,386	1,127	3,513	2,980	3,940	8,684,096
Bread and other bakery products,	8	70,516	120,942	21,973	627.80	35	—	35	32	37	194,146
Cutlery and tools, not elsewhere specified,	4	558,709	180,261	280,103	603.67	449	15	464	411	531	579,375
Tobacco manufactures,	6	12,077	12,116	10,416	612.71	17	—	17	16	19	34,924
Other industries,	32	7,642,128	4,376,197	1,691,544	564.41	1,885	1,112	2,997	2,321	3,353	7,855,651
PITTSFIELD.	55	15,389,565	10,892,199	6,117,619	664.31	6,960	2,249	9,809	7,928	10,247	23,919,983
Bread and other bakery products,	11	67,421	120,075	37,485	814.89	45	1	46	45	47	224,300
Foundry and machine-shop products,	3	405,688	201,987	155,766	711.26	219	—	219	194	255	502,932
Lumber, planing-mill products,	4	110,398	44,880	34,822	892.87	39	—	39	34	44	111,160
Saddlery and harness,	4	60,236	10,600	5,028	628.50	8	—	8	7	16	35,299
Woolen and worsted goods,	6	2,790,980	2,240,302	1,192,179	536.53	1,515	707	2,222	1,782	2,545	4,311,209
Other industries,	27	11,054,842	8,274,355	4,602,339	702.97	5,134	1,541	6,675	5,866	7,340	13,735,023

QUINCY.		157	10,694,410	6,330,578	4,893,976	755.98	3,964	470	6,454	6,678	7,218	12,922,061
Cutlery and tools, not elsewhere specified, . .		4	56,040	24,800	16,976	707.33	34	-	24	19	37	56,212
Foundry and machine-shop products, . .		6	1,354,207	161,359	201,703	674.59	299	-	399	371	331	674,062
Marble and stone work,		21	1,316,198	156,943	316,035	796.11	397	-	397	336	475	718,391
Monuments and tombstones,		100	1,294,867	602,617	825,982	868.70	1,021	-	1,021	798	1,229	2,328,617
Other industries,		26	6,781,078	5,290,890	3,503,550	746.55	4,223	470	4,963	4,248	5,150	9,244,879
SALEM.		151	9,651,034	10,603,516	3,370,139	609.39	4,658	3,064	6,616	6,644	7,643	17,344,606
Boot and shoe cut stock and findings, . .		28	421,001	844,373	223,226	398.17	325	261	586	400	739	1,310,583
✕ Boots and shoes,		14	2,083,696	3,391,478	1,378,544	517.39	1,759	876	2,665	2,065	3,225	5,720,878
Bread and other bakery products,		15	65,460	189,282	41,066	789.54	50	2	52	51	53	319,368
Foundry and machine-shop products, . .		15	299,808	142,901	104,354	726.05	142	1	143	125	168	327,592
Leather, tanned, curried, and finished, .		29	2,200,917	3,416,289	683,128	535.64	1,174	1	1,175	1,064	1,510	4,738,148
Lumber, planing-mill products,		5	130,242	192,230	42,540	684.46	65	-	65	58	72	305,086
Mineral and soda waters,		4	28,650	9,963	11,115	694.69	16	-	16	13	20	37,946
Steam fittings and heating apparatus, . .		3	89,511	29,906	36,206	730.12	50	-	50	45	56	120,529
Other industries,		38	4,406,759	2,387,103	824,370	447.63	941	923	1,364	1,733	1,955	4,474,543
SOMERVILLE.		93	18,693,878	44,337,455	3,512,479	600.33	6,649	338	6,901	6,649	6,869	50,379,087
Bread and other bakery products,		17	206,101	243,751	70,780	619.19	94	30	134	118	131	445,146
Confectionery,		3	7,654	47,341	9,884	340.83	6	23	340	29	30	66,323
Wooden goods,		4	118,809	81,626	54,908	513.16	85	22	107	85	119	163,390
Other industries,		69	18,361,314	41,359,737	3,400,307	602.89	5,364	277	5,641	5,027	6,389	49,002,693
SPRINGFIELD.		245	37,991,876	30,361,901	9,943,189	657.43	11,623	3,909	16,133	19,149	18,097	43,509,139
Automobiles, including bodies and parts, .		6	2,393,940	392,449	568,144	831.79	667	10	667	394	1,067	1,849,194
Brass and bronze products,		6	356,044	476,876	102,226	684.50	217	20	227	201	272	764,390
Bread and other bakery products,		17	486,432	523,418	140,558	682.32	161	45	206	181	226	1,009,577
Carriages and wagons and materials, . .		5	124,171	65,098	46,146	795.63	57	1	58	41	81	140,130
Copper, tin, and sheet-iron products, . .		3	40,550	19,150	33,344	787.82	44	-	44	34	52	92,900

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
SPRINGFIELD — Concluded.											
Foundry and machine-shop products,	28	\$4,784,926	\$1,333,856	\$1,087,285	\$734.12	1,468	13	1,481	1,223	1,789	\$3,568,081
Hardware,	5	433,358	138,013	175,964	560.46	276	38	314	261	367	430,837
Hosiery and knit goods,	4	621,811	373,811	206,750	480.81	88	342	430	309	522	812,043
Lumber, planing-mill products,	4	228,491	242,243	82,104	733.07	112	-	112	93	132	375,280
Mattresses and spring beds,	4	187,948	113,242	36,822	526.03	61	9	70	55	83	213,624
Mineral and soda waters,	3	27,539	29,221	11,215	623.06	18	-	18	10	28	66,852
Models and patterns, not including paper patterns,	4	9,615	3,439	17,250	862.50	20	-	20	12	24	27,097
Paper goods, not elsewhere specified,	8	1,392,561	1,094,004	291,835	525.83	278	277	555	500	607	1,305,226
Plumbers' supplies,	4	317,066	150,144	104,346	652.16	152	8	160	129	188	301,121
Printing and publishing,	11	2,567,100	742,494	401,994	677.90	443	150	593	537	671	1,864,501
Tobacco manufactures,	25	348,307	323,472	366,152	730.30	306	194	500	454	545	890,866
Other industries,	108	23,729,836	14,903,071	6,217,094	643.13	7,165	2,502	9,667	7,715	11,434	29,304,480
TAUNTON.											
Bread and other bakery products,	10	64,939	146,968	39,545	746.13	53	-	53	53	54	233,772
Cotton goods,	7	6,003,664	3,361,302	1,337,534	462.01	1,903	1,392	2,895	2,750	3,008	5,357,415
Foundry and machine-shop products,	9	2,370,990	539,492	508,502	661.33	764	5	769	656	964	1,330,800

Pottery, terra-cotta, and fire-clay products,	3	218,903	93,483	91,003	580.15	158	172	234,040
Stoves and furnaces, not including gas and oil stoves,	6	1,008,661	573,306	605,137	832.93	812	880	1,711,107
Tobacco manufactures,	8	16,400	14,490	13,968	517.33	30	28	51,976
Other industries,	51	5,740,115	4,632,701	1,418,735	584.08	1,816	3,673	7,474,205
WALTMAN.								
Bread and other bakery products,	64	17,963,978	4,846,481	4,832,900	601.70	4,659	7,703	11,471,080
Foundry and machine-shop products,	6	76,480	155,365	34,020	680.40	50	61	270,867
Tobacco manufactures,	3	485,905	133,343	319,396	714.64	300	305	469,170
Watch and clock materials,	5	3,065	6,811	5,237	861.80	7	11	15,708
Other industries,	44	104,487	37,000	75,066	847.13	57	135	187,332
		16,614,171	3,914,943	3,898,657	596.02	4,145	7,111	10,667,948
WOBBURN.								
Boot and shoe cut stock and findings,	45	8,349,859	4,037,830	875,555	592.28	1,379	1,561	6,042,416
Bread and other bakery products,	5	123,798	111,192	40,707	424.03	54	121	194,486
Cutlery and tools, not elsewhere specified,	4	10,535	24,561	7,072	642.91	9	13	46,632
Foundry and machine-shop products,	3	41,210	6,107	9,518	634.53	14	15	26,990
Leather, tanned, curried, and finished,	4	247,367	117,547	67,881	632.70	104	123	247,628
Other industries,	16	6,070,135	2,575,486	483,092	553.64	833	1,185	3,576,678
		1,856,214	1,302,437	267,115	635.99	375	495	1,933,082
WORCESTER.								
Boots and shoes,	448	75,474,918	50,453,169	19,887,769	645.38	24,317	36,375	89,707,798
Brass and bronze products,	7	1,371,964	1,780,434	563,960	565.46	947	1,060	2,782,163
Bread and other bakery products,	5	41,581	46,541	17,116	744.17	23	27	61,106
Carriages and wagons and materials,	47	416,554	774,633	230,553	625.63	287	401	1,315,643
Clothing, men's,	6	72,793	22,653	28,332	745.58	38	46	84,514
	11	312,261	430,255	124,099	488.58	110	236	672,111

Printing and publishing,	6	182,344	62,124	73,845	745, 91	90	9	99	85	114	299,852
Sausage, not made in slaughtering and meat-packing establishments,	5	86,216	279,263	22,521	768, 74	31	-	31	29	31	324,533
Tobacco manufactures,	15	53,215	69,661	42,209	578, 21	54	19	78	35	113	138,471
Wirework, including wire rope and cable,	10	2,804,624	1,915,974	837,373	549, 39	1,218	206	1,224	1,260	1,668	2,440,015
Wooden goods, not elsewhere specified,	5	94,053	60,261	22,199	643, 31	32	4	36	27	44	114,191
Woolen and worsted goods,	11	2,138,727	2,438,259	624,844	467, 83	648	709	1,257	1,121	1,323	3,716,928
Other industries,	166	49,354,097	34,669,515	11,415,534	638, 92	12,263	4,584	17,267	15,172	20,511	58,007,473
TOTAL FOR THE 33 CITIES,	6,519	\$976,689,640	\$705,491,598	\$255,229,413	\$272, 84	\$29, 083	145,666	444,684	372,897	508,510	\$1,916,709,845

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product
						Average Number		Smallest Number	Greatest Number	
						Males	Females			
METROPOLITAN BOSTON.										
	3,564	\$363,458,828	\$328,979,324	\$197,001,822	\$639.14	129,639	51,974	172,594	269,064	\$669,399,194
Artificial stone,	12	288,186	94,315	116,598	821.11	142	-	142	93	337,015
Automobiles, including bodies and parts,	27	2,039,317	2,457,120	1,028,574	776.87	1,316	8	1,324	1,007	4,328,532
Awnings, tents, and sails,	28	204,192	369,472	135,619	610.90	124	88	222	149	637,323
Baskets, and rattan and willow ware,	7	22,124	29,378	22,106	491.24	40	5	45	40	73,137
Belt and hose, leather,	4	325,513	689,561	41,324	779.70	50	3	53	52	825,874
Belt and hose, woven,	4	548,820	434,528	67,095	549.97	66	56	122	105	705,554
Billiard tables and materials,	3	84,908	52,871	16,222	853.79	19	-	19	18	102,499
Blacking,	29	1,162,505	1,618,521	226,108	510.40	193	250	443	349	3,065,278
Bookbinding and blank-book making,	36	1,269,691	542,889	763,786	548.21	602	778	1,375	1,218	1,895,157
Boot and shoe cut stock and findings,	141	10,283,768	24,960,295	1,746,138	548.07	2,366	820	3,186	2,264	29,993,718
Boots and shoes,	147	28,620,618	37,481,776	17,007,813	627.66	16,176	10,921	27,097	21,912	65,904,563
Boots and shoes, rubber,	5	16,351,411	9,163,855	3,693,949	539.70	3,947	2,712	6,659	5,533	19,943,181
Bones, fancy and paper,	41	1,538,259	1,514,514	952,018	448.85	670	1,451	2,121	1,909	3,213,297
Bones, wooden packing,	12	1,174,065	1,010,243	396,278	574.75	586	104	690	614	1,787,788
Brass and bronze products,	32	2,043,189	1,890,794	662,045	713.41	928	-	928	799	2,947,755

Bread and other bakery products,	283	5,346,304	8,330,666	2,318,267	578,218	2,768	1,093	3,366	3,560	4,172	16,786,018
Brick and tile,	7	473,515	94,190	141,804	876,33	182	-	162	92	288	291,291
Canning and preserving,	28	860,860	1,471,438	380,177	581,38	223	152	374	322	487	2,052,263
Carriages and wagons and materials,	39	636,618	373,384	383,077	735,27	-	-	521	415	614	971,002
Chemicals,	16	3,760,875	2,623,647	589,772	688,78	848	2	860	726	973	4,680,706
Cleansing and polishing preparations,	10	172,897	236,019	29,326	543,07	38	16	54	47	63	439,332
Cloth, sponging and refinishing,	4	32,788	1,795	35,284	665,17	53	-	53	43	59	61,845
Clothing, men's,	175	7,696,207	8,764,665	3,045,940	622,51	2,357	2,536	4,893	3,608	6,227	16,483,243
Clothing, women's,	148	3,649,303	5,615,012	2,354,307	540,96	1,181	3,172	4,383	2,956	5,397	10,672,907
Coffee and spice, roasting and grinding,	14	2,443,110	5,770,300	237,432	631,47	230	146	376	354	403	7,537,796
Confectionery,	76	8,888,461	11,414,430	2,489,348	377,92	1,577	5,010	6,587	5,118	8,181	17,991,321
Cooperage,	5	473,672	548,968	170,833	614,51	278	-	278	298	293	796,174
Copper, tin, and sheet-iron products,	79	2,965,533	2,544,797	1,220,708	602,52	1,788	243	2,096	1,752	2,368	5,093,790
Cordials and sirups,	7	235,393	330,194	40,953	671,36	41	20	61	55	78	614,481
Cotton goods,	8	4,414,707	1,006,068	813,378	437,30	1,144	716	1,860	1,720	2,025	2,968,743
Cutlery and tools, not elsewhere specified,	42	3,794,177	913,236	700,280	574,00	653	567	1,320	879	1,616	3,673,600
Dentists' materials,	8	84,463	443,468	39,869	535,06	40	27	67	60	70	542,087
Dyeing and finishing textiles,	9	1,544,906	536,285	537,383	512,52	895	134	1,029	893	1,179	1,374,850
Dyestuffs and extracts,	12	567,027	673,362	59,705	656,10	90	1	91	76	103	1,017,743
Electrical machinery, apparatus, and sup- plies,	51	20,342,056	15,380,465	9,421,146	607,62	12,402	3,103	15,566	13,180	17,143	34,328,911
Electroplating,	19	60,182	35,972	77,377	773,77	98	2	100	80	116	181,452
Engraving and dieinking,	8	114,962	70,248	59,865	586,91	64	38	102	91	115	173,417
Fancy articles, not elsewhere specified,	14	502,288	246,794	184,866	472,78	248	143	391	286	536	638,671
Felt goods,	5	1,067,590	564,870	158,531	518,08	212	94	306	236	455	915,015
Flavoring extracts,	7	330,377	319,751	30,311	505,10	28	33	61	55	69	546,330

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.
 C. METROPOLITAN BOSTON: BY INDUSTRIES — Continued.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number		Smallest Number	Greatest Number		
						Males	Females		Both Sexes		
Metropolitan Boston — Continued.											
Food preparations,	18	\$539,541	\$849,326	\$130,064	\$588.52	163	58	221	148	321	\$1,971,811
Foundry and machine-shop products,	214	24,369,165	7,694,764	6,846,987	719.37	9,354	164	9,518	7,333	11,342	20,408,710
Fur goods,	10	524,526	303,029	141,579	795.39	92	86	178	110	225	608,968
Furnishing goods, men's,	9	402,720	431,060	106,273	480.87	40	181	221	153	290	724,678
Furniture,	64	5,613,654	2,544,550	1,908,725	651.44	2,719	211	2,900	2,553	3,361	6,335,340
Galvanizing,	3	24,805	19,422	10,219	729.92	14	—	14	11	16	37,502
Gas and electric fixtures,	9	134,632	129,929	86,788	803.59	108	5	108	99	123	310,743
Glass, cutting, staining, and ornamenting,	18	115,633	67,970	117,390	686.40	166	5	171	136	199	260,069
Glue,	4	546,694	475,801	92,124	474.23	113	18	131	70	162	652,983
Gold and silver, leaf and foil,	8	70,921	103,408	59,463	613.02	50	47	97	91	107	197,498
Grease and tallow,	12	637,970	757,644	147,922	688.01	214	1	215	205	226	1,194,682
Hand stamps and stencils and brands,	17	51,315	21,417	50,327	774.26	63	2	65	59	75	150,431
Hardware,	18	805,597	202,627	166,881	678.38	212	34	246	212	289	476,471
Hats and caps, other than felt, straw, and wool,	25	193,772	376,833	175,586	611.22	188	96	284	245	338	777,927
Hosiery and knit goods,	31	5,019,922	3,535,100	1,384,527	494.12	453	2,350	2,802	2,343	3,077	6,596,387

House-furnishing goods, not elsewhere specified,	13	722,754	696,717	151,087	449.06	170	106	336	298	374	1,081,444
Instruments, professional and scientific,	19	1,161,345	333,734	396,242	719.13	402	59	551	476	655	1,263,832
Jewelry,	23	790,630	457,323	313,589	617.30	348	160	508	412	594	1,138,610
Jewelry and instrument cases,	8	144,641	108,066	88,393	457.99	60	124	193	159	224	257,553
Lasts,	12	531,368	319,453	246,857	854.18	280	-	289	249	328	697,823
Leather goods, not elsewhere specified,	24	417,758	488,836	190,965	534.63	148	216	364	244	483	926,060
Leather, tanned, curried, and finished,	40	10,333,363	9,126,800	1,359,304	579.94	2,338	15	2,343	1,733	2,972	12,116,965
Liquors, malt,	17	14,148,817	2,319,826	1,118,746	942.78	1,154	8	1,162	1,106	1,221	8,647,997
Looking-glass and picture frames,	20	292,753	218,410	139,375	679.88	190	15	205	175	243	575,726
Lumber, planing-mill products,	88	2,970,491	3,013,174	1,352,076	792.54	1,704	2	1,706	1,346	2,067	5,514,327
Marble and stone work,	43	2,288,792	696,373	918,745	839.19	1,108	-	1,108	764	1,482	2,276,488
Mattresses and spring beds,	23	738,840	1,062,773	296,102	569.60	401	119	530	445	594	1,864,316
Millinery and lace goods,	60	1,549,083	1,880,378	603,649	440.77	197	1,173	1,370	966	1,813	3,483,379
Mineral and soda waters,	30	832,023	573,622	120,574	694.96	171	2	173	125	272	1,393,663
Mirrors,	6	68,535	226,775	60,622	646.18	91	-	91	84	102	337,709
Models and patterns, not including paper patterns,	34	240,688	92,367	199,305	784.67	238	16	254	176	245	494,264
Monuments and tombstones,	113	1,402,947	649,213	881,795	811.97	1,086	-	1,086	846	1,215	2,391,910
Mucilage and paste,	9	486,588	806,392	45,198	664.68	55	13	68	62	74	1,094,919
Musical instruments and materials, not specified,	10	132,620	82,890	75,143	670.92	97	15	112	91	139	237,373
Musical instruments, pianos and organs, and materials,	30	8,180,009	2,671,006	1,913,738	694.92	2,665	181	2,746	2,362	3,039	6,381,623
Oil, not elsewhere specified,	8	1,119,153	1,915,697	126,718	600.56	211	-	211	193	227	2,353,508
Paints and varnishes,	23	2,614,412	2,425,100	275,771	607.43	417	37	454	390	507	4,241,615

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued

C. METROPOLITAN BOSTON: BY INDUSTRIES — Concluded.

Industries.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED						Value of Product
						Average Number			Smallest Number	Greatest Number		
						Males	Females	Both Sexes				
Metropolitan Boston — Concluded.												
Paper goods, not elsewhere specified, . . .	15	\$543,604	\$292,849	\$100,790	\$440.13	86	143	229	162	292	\$578,531	
Patent medicines and compounds and drug-ists' preparations, . . .	52	3,036,600	3,356,009	581,306	487.26	503	690	1,103	972	1,398	7,123,140	
Photo-engraving, . . .	8	221,803	91,961	214,922	189.54	226	30	266	237	274	576,565	
Plumbers' supplies, . . .	11	531,063	295,994	172,896	602.40	249	12	261	189	294	613,285	
Pottery, terra-cotta, and fire-clay products, . . .	8	1,130,698	136,437	209,739	631.74	306	26	332	314	435	472,388	
Printing and publishing, . . .	85	6,550,590	3,560,989	3,376,807	704.53	3,219	1,574	4,793	4,360	5,266	10,144,012	
Refrigerators, . . .	7	194,725	136,526	79,537	864.53	92	—	92	60	117	347,949	
Rubber goods, not elsewhere specified, . . .	19	4,101,122	3,040,066	860,372	620.31	1,140	247	1,387	1,174	1,659	5,222,823	
Saddlery and harness, . . .	14	124,720	164,031	43,472	820.23	53	—	53	50	62	283,909	
Sausage, not made in slaughtering and meat-packing establishments, . . .	17	400,463	1,214,141	113,903	690.32	164	1	165	149	194	1,014,510	
Screws, machine, . . .	7	252,810	137,565	102,735	654.36	151	6	157	140	184	306,956	
Shipbuilding, wooden, including boat building, . . .	21	687,611	355,377	413,921	862.34	480	—	480	212	676	1,061,234	
Shirts, . . .	5	181,406	168,830	79,427	443.73	22	167	179	139	200	366,423	
Show cases, . . .	9	59,720	90,899	64,039	831.68	77	—	77	61	95	194,453	
Signs and advertising novelties, . . .	5	64,896	59,877	50,164	783.81	55	9	64	52	77	154,128	
Slaughtering and meat packing, . . .	16	13,284,906	41,002,959	1,476,062	570.36	2,564	24	2,588	2,412	2,811	45,610,062	

Soap,	26	2,066,892	2,515,601	315,019	530.91	356	119	405	359	443	4,306,311
Stationery goods, not elsewhere specified, .	5	360,453	344,293	52,354	462.55	83	95	178	153	213	551,757
Statuary and art goods,	10	949,681	53,794	69,876	653.05	106	1	107	82	151	199,522
Steam fittings and heating apparatus, .	18	5,453,337	1,889,872	1,411,203	654.72	1,963	98	2,061	1,833	2,245	4,560,770
Steam packing,	9	187,868	106,356	46,646	685.97	67	1	68	56	74	260,660
Stereotyping and electrotyping,	6	163,092	76,090	157,096	867.93	181	-	181	169	190	354,444
Stoves and furnaces, not including gas and oil stoves,	5	1,849,921	490,703	611,407	814.12	745	3	751	654	801	1,482,259
Structural ironwork,	37	2,383,733	1,922,708	981,707	799.97	1,275	-	1,275	1,048	1,496	3,496,079
Surgical appliances,	9	143,150	81,872	78,587	609.20	65	64	129	115	144	262,983
Suspenders, garters, and elastic woven goods,	16	2,363,618	2,139,167	600,819	438.87	236	1,133	1,369	1,196	1,563	3,615,080
Tobacco manufactures,	133	3,182,114	2,895,214	2,455,507	537.20	2,200	733	2,533	2,568	3,271	7,069,908
Trunks and valises,	16	351,925	381,963	157,655	560.34	209	72	281	162	364	725,353
Typesetting and printing materials,	8	265,091	88,599	80,493	745.31	86	22	108	107	124	270,785
Watch and clock materials,	6	137,457	39,630	91,234	536.67	60	110	170	122	194	196,176
Window shades and fixtures,	6	89,757	110,975	18,342	539.47	31	3	34	27	39	159,495
Wirework, including wire rope and cable, .	8	153,913	100,604	115,405	735.06	153	4	157	132	174	330,839
Wood, turned and carved,	11	166,606	35,209	31,157	566.36	54	2	56	39	53	94,405
Wooden goods, not elsewhere specified, .	11	228,592	149,474	81,085	555.03	123	23	146	117	166	299,818
Woolen and worsted goods,	4	2,337,931	1,790,904	475,209	530.49	522	391	913	591	1,373	2,260,034
All other industries,	237	82,624,552	57,702,864	17,061,797	648.66	20,135	6,168	26,303	23,240	29,210	89,197,815

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.
D. METROPOLITAN BOSTON — 1913.
[Arranged in order of Product Value.]

CITIES AND TOWNS.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number		Smallest Number	Greatest Number		
						Males	Females				
											Both Sexes
METROPOLITAN BOSTON.											
Boston,	2,584	\$362,458,828	\$328,079,384	\$197,631,822	\$629.14	129,629	51,974	172,594	142,324	296,984	\$569,396,194
LYNN,	2,104	182,488,578	143,300,538	46,779,311	622.11	49,837	25,357	75,194	61,283	86,021	232,222,872
CAMBRIDGE,	365	34,107,822	43,101,464	18,210,387	641.01	19,969	8,450	28,409	22,770	32,849	78,947,766
SOMERVILLE,	243	34,812,464	29,555,865	9,948,301	598.75	11,585	4,863	16,448	14,016	18,497	51,863,096
CHELSEA,	93	18,693,878	42,237,455	3,542,479	600.32	5,549	352	5,901	5,259	6,069	50,279,087
WATERTOWN,	96	9,482,839	8,961,408	3,570,905	621.68	4,184	1,560	5,744	4,903	6,494	16,167,466
QUINCY,	13	9,240,079	7,317,663	2,641,219	587.85	3,077	1,416	4,493	3,881	4,862	16,183,967
EVERETT,	157	10,094,410	6,298,578	4,863,973	755.98	5,964	470	6,484	5,672	7,212	12,922,061
WALTHAM,	53	23,558,431	5,891,057	1,853,925	669.35	2,385	427	2,812	2,439	3,276	11,603,469
Weymouth,	64	17,263,978	4,246,481	4,232,366	601.70	4,559	2,475	7,034	6,063	7,703	11,571,080
MALDEN,	29	6,340,382	5,170,022	1,860,238	613.27	1,602	616	2,218	1,831	2,580	8,194,508
WOBURN,	63	7,550,551	3,791,896	1,407,291	510.81	1,422	1,333	2,755	2,381	3,086	7,866,779
Braintree,	45	8,349,259	4,037,690	875,385	592.28	1,379	99	1,478	1,064	1,951	6,025,416
Wakefield,	16	2,482,598	3,491,937	1,276,426	590.40	1,411	781	2,162	1,837	2,439	5,938,316
NEWTON,	17	4,726,504	3,013,031	1,261,802	553.65	1,403	858	2,261	2,028	2,463	5,921,283
Winchester,	37	5,585,937	3,333,407	1,241,367	553.69	1,541	701	2,242	1,759	2,717	5,295,231
Winchester,	17	2,453,772	3,581,723	669,364	596.65	1,046	95	1,141	943	1,336	4,897,398

Malden,	28	2,135,241	1,910,587	374,121	638.43	490	87	596	456	709	2,633,117
Milwauke,	16	2,919,732	1,365,881	443,170	478.76	443	514	967	780	1,100	2,602,389
Stoneham,	18	1,012,442	1,416,881	431,394	517.01	537	374	931	702	1,006	2,163,096
Needham,	19	1,833,461	1,049,376	542,294	643.29	285	588	843	706	946	2,149,137
Canton,	15	3,071,633	847,645	498,894	576.34	673	104	867	747	1,065	1,632,267
Dedham,	10	657,941	537,670	160,793	453.94	202	183	335	312	390	746,811
Wellesley,	4	654,945	437,009	130,218	551.77	124	112	266	191	277	685,986
Brookline,	10	600,499	244,028	223,831	674.34	303	29	332	290	390	690,436
Revere,	5	873,306	312,092	74,980	742.38	96	5	101	88	108	491,131
Arlington,	13	328,785	193,477	100,110	700.07	137	6	143	127	163	370,043
Lexington,	5	359,210	187,027	46,513	637.16	56	17	73	65	79	343,082
Hingham,	6	213,763	66,469	52,965	524.41	69	32	101	59	137	182,836
Milton,	4	94,017	64,636	32,214	555.41	41	17	58	41	73	171,822
Winthrop,	3	88,990	17,470	9,298	619.87	12	3	16	13	18	38,752
Swampscott,	3	14,132	12,603	7,079	471.93	9	6	15	10	19	28,454
Other towns, ¹	13	483,909	174,598	124,674	724.21	211	44	255	199	390	510,486

¹ Includes Belmont, Cohasset, Dover, Hull, Nahant, Saugus, Weston, and Westwood.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.

E. FOR 118 TOWNS: BY INDUSTRIES.

[For towns other than those given below, the figures cannot be presented without disclosing the operations of individual establishments.]

TOWNS AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Average Number					
						Males	Females	Both Sexes			
Abington,	12	\$2,612,925	\$2,889,300	\$1,116,904	\$601.13	1,352	506	1,868	1,519	2,044	\$4,901,457
Acton,	15	1,514,937	419,179	165,596	563.25	263	31	294	242	344	841,418
Adams,	28	8,363,107	3,405,594	1,849,392	482.74	2,239	1,592	3,831	3,659	4,035	6,100,930
Agawam,	3	466,491	218,004	87,418	560.37	91	65	156	146	166	668,014
Amesbury,	45	2,479,788	1,894,868	1,132,890	678.78	1,474	195	1,669	1,351	2,016	3,918,064
Automobiles, including bodies and parts,	16	1,261,340	900,628	639,676	779.14	811	10	821	631	1,021	1,983,612
Bread and other bakery products,	3	15,700	23,165	5,668	629.76	9	-	9	9	9	36,900
Carriages and wagons and materials,	6	104,680	52,365	27,913	649.14	42	1	43	37	49	101,453
Other industries,	13	1,098,166	918,210	489,633	577.43	612	194	796	554	936	1,796,099
Amherst,	16	1,165,214	865,207	378,105	599.36	257	207	464	164	638	1,431,405
Andover,	10	3,797,471	1,840,550	722,490	498.27	893	557	1,450	1,222	1,637	3,349,736
Arlington,	13	326,785	186,477	100,110	700.07	137	6	143	127	163	370,043
Ashburnham,	9	1,013,265	255,554	227,410	562.90	386	18	404	365	448	644,991
Athol,	29	7,977,933	1,937,507	1,522,415	602.70	1,945	581	2,526	2,176	2,790	4,591,957
Attleborough,	136	16,337,995	8,478,517	4,907,687	696.60	4,986	1,769	6,715	5,663	7,897	16,961,824
Cutlery and tools, not elsewhere specified,	5	25,720	4,189	12,686	551.57	23	-	23	16	30	36,096
Engraving and dieinking,	7	17,285	4,945	26,742	703.74	37	1	38	33	49	53,611
Jewelry,	81	8,381,425	4,094,940	2,536,658	645.30	2,641	1,290	3,931	3,248	4,977	9,564,159
Silverware and plated ware,	4	1,549,664	803,961	413,173	737.81	492	68	560	439	658	1,668,424
Other industries,	39	6,183,901	3,670,612	1,218,368	563.28	1,733	430	2,163	1,947	2,453	6,561,334
Auburn,	4	951,273	663,914	177,199	546.91	240	84	324	209	341	987,353
Ayer,	11	433,351	205,239	84,513	571.03	126	22	148	112	176	368,333

	4	22,098	13,438	8,413	407.39	18	-	18	9	32	28,400
Barnstable,	8	1,872,014	780,665	330,372	470.65	530	182	712	515	847	1,435,103
Barre,	6	450,436	94,636	51,472	504.63	83	10	102	84	130	213,374
Becket,	6	2,574,183	1,421,368	366,168	508.81	538	162	700	508	968	1,997,190
Billerica,	16	2,462,698	3,491,937	1,376,436	590.40	1,411	751	2,102	1,837	2,439	6,968,316
Braintree,	14	2,068,028	4,306,416	1,461,839	608.64	1,781	508	2,289	2,080	2,508	7,144,302
Bridgewater,	3	355,078	450,876	109,160	505.32	155	61	216	196	231	739,380
Brookfield,	10	600,499	244,028	222,881	674.34	303	29	332	290	390	890,436
Brookline,	15	3,071,453	847,645	469,324	575.34	673	194	967	747	1,065	1,932,967
Canton,	11	4,970,883	2,643,923	539,107	465.63	640	518	1,155	786	1,317	3,515,010
Chelmsford,	5	831,895	192,973	63,296	730.30	74	-	74	64	83	363,373
Chester,	25	9,608,730	4,833,565	1,845,045	440.55	8,490	1,748	4,188	3,897	4,658	7,176,808
Clinton,	8	22,350	48,796	12,178	608.90	30	-	20	19	21	91,349
Bread and other bakery products,	4	121,352	47,445	51,766	532.67	85	7	92	80	104	128,310
Foundry and machine-shop products,	4	388,831	213,033	73,990	453.93	75	88	163	189	256	297,280
Worsted goods,	9	9,176,497	3,924,081	1,707,109	438.27	2,280	1,033	3,913	3,639	4,177	6,653,303
Other industries,	8	1,210,428	523,481	190,224	548.14	272	86	358	287	442	876,331
Concord,	9	1,842,186	940,918	397,186	549.36	361	362	723	531	804	1,913,009
Dakota,	24	1,944,546	8,163,547	645,897	633.39	778	468	1,824	1,056	1,459	3,638,878
Danvers,	4	324,772	287,086	114,594	612.75	107	80	187	162	218	435,815
Boots and shoes,	20	1,719,774	1,938,361	543,632	819.23	671	376	1,047	894	1,241	3,083,063
Other industries,	10	667,041	537,670	160,703	432.94	202	153	355	312	390	746,811
Dedham,	7	262,705	173,240	206,739	680.97	237	71	306	243	372	457,696
Deerfield,	6	468,094	722,963	383,875	567.23	566	79	675	649	714	1,486,071
Dighton,	4	731,094	564,841	236,021	486.64	284	201	436	460	496	1,090,969
Douglas,	9	2,241,180	1,381,091	660,000	494.56	893	477	1,360	1,100	1,533	2,313,758
Dudley,											

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.
 E. FOR 118 TOWNS: BY INDUSTRIES — Continued.

TOWNS AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product		
						Average Number			Smallest Number	Greatest Number			
						Males	Females	Both Sexes					
Easthampton,	15	\$6,259,755	\$5,977,169	\$1,572,460	\$489.41	1,896	1,317	3,213	2,947	3,506	\$9,753,209		
Easton,	6	2,350,050	680,319	311,123	608.30	446	68	514	436	609	1,405,663		
Erving,	4	1,571,535	627,915	423,851	636.41	562	104	666	589	741	1,294,655		
Essex,	3	29,928	53,785	20,438	756.96	27	-	27	20	38	84,842		
Foxborough,	11	528,995	467,665	223,752	606.37	207	162	369	187	566	789,648		
Frammingham,	37	6,746,278	4,589,545	2,466,396	586.26	2,664	1,543	4,207	3,481	4,906	9,072,216		
Franklin,	24	2,334,210	2,140,069	694,633	591.46	808	265	1,073	843	1,269	2,530,912		
Gardner,	53	18,659,338	5,396,988	\$ 3,13,699	\$ 86.36	5,665	608	4,463	5,747	6,317	7,319,898		
Bread and other bakery products,	6	21,525	51,295	17,029	681.16	25	-	25	23	27	89,140		
Foundry and machine-shop products,	7	216,169	101,379	92,048	643.99	143	-	143	125	160	278,515		
Furniture,	19	11,424,445	2,709,260	1,944,019	510.24	3,365	445	3,810	3,233	4,451	5,849,683		
Other industries,	21	994,186	535,048	295,602	609.49	422	63	485	366	579	1,124,900		
Georgetown,	6	167,167	224,856	59,526	480.05	107	17	124	114	132	301,479		
Grafton,	12	2,106,968	2,012,479	723,892	494.46	780	684	1,464	1,286	1,559	3,214,184		
Great Barrington,	13	3,509,432	1,750,652	529,423	496.18	663	404	1,067	1,041	1,098	2,785,607		
Greenfield,	35	5,605,109	1,409,353	968,694	696.81	1,479	186	1,666	1,499	1,898	5,778,667		
Cutlery and tools, not elsewhere specified, Foundry and machine-shop products,	8	2,669,874	557,124	682,492	612.10	1,086	29	1,115	1,045	1,196	2,123,541		
Other industries,	5	118,026	18,711	29,380	753.23	39	-	39	31	45	80,657		
Other industries,	20	1,015,209	825,088	276,832	541.73	354	157	511	416	641	1,574,569		
Groton,	5	917,776	751,828	173,332	641.97	266	5	270	258	289	1,089,578		

Hanover,	.	.	.	.	.	.	4	824,007	793,279	216,247	560.33	324	62	386	314	439	1,189,151
Hingham,	.	.	.	.	.	.	6	213,763	66,469	52,905	534.41	60	33	101	50	137	182,836
Hudson,	.	.	.	.	.	.	28	3,787,507	4,189,995	1,283,227	545.82	1,569	763	2,351	1,718	2,912	6,358,337
Kingston,	.	.	.	.	.	.	5	245,501	162,671	79,890	644.35	112	12	124	118	129	274,511
Lee,	.	.	.	.	.	.	13	1,025,081	1,051,541	492,073	557.03	657	228	885	789	967	1,902,505
Leicester,	.	.	.	.	.	.	10	1,539,970	1,051,804	448,725	531.04	520	325	845	772	896	2,085,002
Leominster,	.	.	.	.	.	.	70	5,645,357	5,155,565	529.21	3,860	1,787	5,007	3,531	6,001	10,071,551	
Bread and other bakery products,	.	.	.	.	.	.	5	14,075	64,748	15,040	791.58	19	-	19	19	21	112,489
Combs and hairpins,	.	.	.	.	.	.	23	1,549,985	1,399,223	796,245	520.08	1,125	406	1,331	1,150	2,028	2,693,038
Cutlery and tools, not elsewhere specified,	.	.	.	.	.	.	3	16,150	3,031	8,700	790.91	11	-	11	8	15	22,501
Foundry and machine-shop products,	.	.	.	.	.	.	3	31,528	3,990	16,564	819.16	19	-	19	19	20	27,172
Other industries,	.	.	.	.	.	.	35	3,933,949	3,682,963	1,864,757	544.14	2,106	1,321	3,427	2,635	3,917	7,217,411
Lexington,	.	.	.	.	.	.	5	359,210	187,027	46,513	637.16	56	17	73	65	79	343,062
Manchester,	.	.	.	.	.	.	5	67,917	20,852	18,609	744.36	24	1	25	20	33	62,313
Mansfield,	.	.	.	.	.	.	20	2,120,241	1,610,627	482,037	545.11	659	194	853	686	1,067	3,061,653
Marblehead,	.	.	.	.	.	.	22	666,374	715,568	417,505	537.66	496	896	702	669	943	1,370,101
Boots and shoes,	.	.	.	.	.	.	11	407,778	625,890	345,941	494.91	415	284	669	605	828	1,113,404
Other industries,	.	.	.	.	.	.	11	158,596	117,678	71,964	773.81	93	12	93	64	125	256,097
Medway,	.	.	.	.	.	.	10	430,089	526,724	235,980	597.37	242	153	395	280	595	881,548
Merrimac,	.	.	.	.	.	.	7	355,497	222,477	141,865	720.08	188	9	197	146	281	471,117
Methuen,	.	.	.	.	.	.	19	3,394,398	2,676,968	667,790	480.37	613	777	1,390	1,290	1,531	4,067,534
Middleborough,	.	.	.	.	.	.	17	3,081,746	3,711,945	1,094,651	602.47	1,257	560	1,817	1,613	1,968	5,654,850
Milford,	.	.	.	.	.	.	39	2,110,068	2,685,908	1,044,308	616.86	1,165	584	1,709	1,559	2,202	4,459,535
Boots and shoes,	.	.	.	.	.	.	3	728,135	1,560,453	460,446	616.39	508	229	747	660	798	2,233,181
Bread and other bakery products,	.	.	.	.	.	.	7	16,100	39,171	10,186	679.07	15	-	15	15	16	71,796
Monuments and tombstones,	.	.	.	.	.	.	3	21,400	3,967	16,308	950.50	16	-	16	2	32	26,479
Tobacco manufactures,	.	.	.	.	.	.	5	42,821	31,979	27,093	712.97	27	11	38	33	44	82,273
Other industries,	.	.	.	.	.	.	21	1,301,602	989,612	541,275	606.13	619	274	893	549	1,312	1,945,866

X

X

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Continued.
E. FOR 118 TOWNS: BY INDUSTRIES — Continued.

TOWNS AND INDUSTRIES.		Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
							Average Number			Smallest Number		Greatest Number
							Both Sexes					
							Males	Females				
Millbury,	.	25	\$2,129,177	\$1,446,371	\$528,415	\$555.64	690	261	961	796	1,090	\$2,453,369
Milton, .	.	4	94,017	64,636	32,214	565.41	41	17	68	41	73	171,022
Monson,	.	7	943,640	737,978	300,372	594.17	451	206	687	404	920	1,342,212
Montague,	.	16	3,572,661	1,240,190	710,073	567.18	877	375	1,252	1,138	1,373	2,440,060
Natick,	.	32	1,045,764	2,709,981	748,802	660.69	1,048	318	1,360	1,245	1,473	4,066,768
Boots and shoes,	.	10	1,226,546	2,479,840	574,081	559.57	378	149	1,027	934	1,089	3,466,742
Other industries,	.	22	419,218	290,141	174,121	522.89	164	169	333	309	384	587,026
Needham, .	.	19	1,833,461	1,049,376	542,894	645.29	835	568	845	708	946	2,149,137
Hosiery and knit goods,	.	8	1,561,534	902,804	479,178	655.51	205	526	731	641	800	1,832,389
Other industries,	.	11	271,927	146,572	63,116	563.54	80	32	112	65	146	316,748
North Andover,	.	7	1,817,743	1,660,792	655,253	520.04	1,019	241	1,260	1,065	1,457	2,760,717
North Attleborough,	.	59	6,030,762	2,535,986	1,803,180	669.75	1,990	834	2,894	2,867	3,548	6,922,457
Jewelry, .	.	37	4,235,937	1,487,694	1,249,397	666.35	1,378	497	1,875	1,631	2,206	3,968,810
Other industries,	.	22	1,794,825	1,038,232	613,723	646.70	612	337	949	806	1,142	2,354,627
North Brookfield,	.	7	818,257	825,395	207,931	463.10	319	130	449	429	485	1,355,279
North Reading,	.	5	120,494	103,050	42,434	652.83	61	4	65	61	70	198,334
Northborough,	.	4	54,320	31,600	22,469	534.98	40	2	42	34	51	77,479
Northbridge,	.	10	6,019,592	2,167,951	1,953,920	563.26	2,878	591	3,469	3,221	3,893	4,908,372
Norton,	.	7	1,158,291	364,198	386,130	575.45	442	229	671	547	760	974,262
Norwood,	.	15	7,790,210	6,468,035	1,410,063	659.53	1,666	472	2,138	1,948	2,323	10,498,800

Orange,	.	.	.	.	.	.	.	.	.	10	2,305,569	902,570	649,544	612.20	876	185	1,061	927	1,156	2,528,446
Orford, .	.	.	.	.	.	.	.	.	.	8	1,161,988	1,149,787	550,894	479.18	495	236	731	675	791	1,887,000
Woolen and worsted goods,	.	.	.	.	.	.	.	.	.	4	523,171	555,708	310,039	478.45	271	168	439	418	470	998,510
Other industries,	.	.	.	.	.	.	.	.	.	4	638,815	694,070	140,245	480.20	224	68	292	257	321	859,399
Palmer,	.	.	.	.	.	.	.	.	.	12	2,797,667	3,143,649	1,326,990	493.86	1,777	910	2,687	2,351	2,355	5,530,001
Peabody, .	.	.	.	.	.	.	.	.	.	69	19,401,879	19,645,169	9,375,118	538.08	5,549	453	5,769	5,033	6,095	18,858,564
Boot and shoe cut stock and findings,	.	.	.	.	.	.	.	.	.	7	69,538	80,610	38,096	399.86	37	66	103	93	115	157,243
Carriages and wagons and materials,	.	.	.	.	.	.	.	.	.	3	36,400	11,510	15,846	792.30	20	-	20	17	24	35,348
Leather, tanned, curried, and finished,	.	.	.	.	.	.	.	.	.	36	15,053,454	10,753,890	2,431,816	597.19	4,345	62	4,407	3,736	5,080	14,768,980
Other industries,	.	.	.	.	.	.	.	.	.	23	4,214,887	1,800,100	689,354	543.23	944	325	1,269	1,138	1,467	3,290,974
Pepperell, .	.	.	.	.	.	.	.	.	.	8	1,984,707	2,025,741	337,831	549.13	468	129	597	543	656	2,797,821
Plainville, .	.	.	.	.	.	.	.	.	.	7	608,660	286,189	297,661	598.92	281	216	497	337	696	969,395
Plymouth, .	.	.	.	.	.	.	.	.	.	22	10,443,429	10,662,341	1,376,640	452.86	2,282	569	2,851	2,431	3,373	14,374,254
Randolph, .	.	.	.	.	.	.	.	.	.	6	560,711	997,397	301,446	744.31	268	137	405	295	440	1,549,725
Reading, .	.	.	.	.	.	.	.	.	.	17	1,251,449	2,431,558	254,008	600.49	299	124	423	351	495	3,073,628
Revere, .	.	.	.	.	.	.	.	.	.	5	873,306	312,092	74,960	742.38	96	5	101	88	106	491,131
Rockland, .	.	.	.	.	.	.	.	.	.	16	2,651,867	4,079,396	1,839,195	614.41	1,481	591	2,018	1,489	2,566	6,269,158
Boots and shoes,	.	.	.	.	.	.	.	.	.	5	2,159,786	3,276,141	1,131,950	619.57	1,305	522	1,827	1,325	2,153	5,359,300
Other industries,	.	.	.	.	.	.	.	.	.	10	505,081	803,186	104,245	563.49	116	69	185	164	203	1,004,778
Rockport, .	.	.	.	.	.	.	.	.	.	11	851,494	371,849	367,873	651.10	558	7	565	420	706	859,960
Rowley, .	.	.	.	.	.	.	.	.	.	6	263,221	274,325	73,379	509.71	117	25	142	130	157	411,378
Shelburne, .	.	.	.	.	.	.	.	.	.	3	47,041	16,002	24,413	581.26	39	3	42	33	46	68,072
Shirley, .	.	.	.	.	.	.	.	.	.	8	1,328,821	791,666	237,458	454.08	303	220	523	461	562	1,425,067
South Hadley,	.	.	.	.	.	.	.	.	.	12	1,688,876	1,046,680	337,420	563.31	401	198	599	468	716	1,791,154
Southbridge,	.	.	.	.	.	.	.	.	.	23	6,480,758	3,930,540	2,354,390	526.24	3,041	1,433	4,474	4,290	4,667	7,638,533
Spencer, .	.	.	.	.	.	.	.	.	.	12	1,601,314	2,700,422	782,816	515.09	1,071	447	1,518	1,305	1,626	3,866,133

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1913 — Concluded.
 E. FOR 118 TOWNS: BY INDUSTRIES — Concluded.

TOWNS AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Females		Both Sexes			
						Males	Females				
Stoneham,	18	\$1,012,642	\$1,416,681	\$481,334	\$517.01	557	374	931	702	1,096	\$2,163,926
Stoughton,	16	1,921,988	1,782,141	778,482	643.91	855	354	1,209	961	1,388	3,451,295
Swampscott,	3	14,132	12,603	7,079	471.93	9	6	15	10	19	28,454
Templeton,	16	1,690,619	1,313,692	465,468	554.13	777	63	840	712	1,002	2,148,371
Furniture,	7	740,352	328,947	256,728	521.80	472	20	492	418	558	790,631
Other industries,	9	880,267	984,745	208,740	599.83	305	43	348	294	444	1,357,740
Townsend,	6	620,210	266,202	132,463	588.72	222	3	225	192	256	489,488
Uxbridge,	10	2,095,379	1,780,229	562,759	513.00	692	405	1,097	904	1,223	2,778,351
Wakefield,	17	4,735,404	3,013,031	1,251,802	553.65	1,403	858	2,261	2,028	2,463	5,921,258
Walpole,	11	7,431,484	5,851,530	1,406,379	660.89	1,922	206	2,128	1,873	2,417	9,202,042
Ware,	13	1,917,076	2,456,582	1,113,561	459.58	1,278	1,145	2,423	2,003	2,529	3,894,807
Wareham,	9	1,137,064	564,236	383,926	592.48	620	28	648	565	760	1,159,623
Warren,	9	1,509,373	1,090,322	558,587	473.38	725	455	1,180	1,004	1,335	1,993,505
Watertown,	13	9,240,079	7,317,663	2,641,219	587.85	3,077	1,416	4,493	3,881	4,862	15,153,987
Wellesley,	4	654,645	427,009	130,218	551.77	124	112	236	191	277	655,986
West Springfield,	13	6,483,532	2,616,646	1,456,318	700.15	1,669	411	2,080	1,877	2,238	5,310,482
West Stockbridge,	5	145,807	107,975	67,039	572.98	117	—	117	80	140	175,399
Westborough,	10	683,044	691,572	253,288	551.93	166	293	459	303	589	1,312,548

Westfield.	70	7,998,774	4,148,043	2,879,198	690.77	3,908	646	3,948	3,877	4,354	9,461,408
Bread and other bakery products,	5	29,100	86,518	10,806	734.40	16	-	15	13	15	88,030
Tobacco manufactures,	16	283,053	314,326	133,860	589.72	104	144	248	190	285	403,406
Whips,	20	2,332,431	1,233,331	537,397	508.43	718	339	1,037	944	1,148	3,032,183
Other industries,	20	5,354,201	2,653,988	1,597,085	629.37	2,365	173	2,533	2,121	2,886	5,990,087
Westford,	13	1,447,761	1,738,840	389,180	501.48	484	899	776	670	988	2,588,000
Marble and stone work,	10	103,032	31,666	139,375	787.43	177	-	177	46	296	194,346
Other industries,	3	1,205,969	1,760,554	340,755	416.95	307	292	569	524	602	2,103,654
Weymouth,	29	6,340,368	6,170,048	1,890,323	613.37	1,608	616	2,218	1,231	2,580	8,184,208
Boot and shoe out stock and findings,	5	101,775	176,411	33,114	500.45	51	14	65	53	72	323,765
Boots and shoes,	7	2,487,581	2,986,531	1,016,313	668.66	1,078	468	1,543	1,411	1,664	4,946,509
Bboxes, fancy and paper,	3	107,513	73,990	42,469	456.66	41	52	93	83	100	156,646
Bread and other bakery products,	3	14,450	49,337	13,513	711.21	19	-	19	18	22	81,040
Other industries,	11	2,629,063	1,872,763	254,530	511.71	416	82	498	267	722	2,771,535
Whitman,	15	3,153,516	3,893,965	1,445,712	679.06	1,599	530	2,139	1,969	2,327	6,375,255
Williamsburg,	10	411,242	435,497	178,404	508.27	290	61	351	293	408	716,407
Winchendon,	22	2,840,160	1,364,174	645,165	472.30	1,111	255	1,366	1,164	1,535	2,671,836
Winchester,	17	2,433,772	3,361,723	669,364	586.65	1,046	95	1,141	943	1,336	4,997,368
Winthrop,	3	88,590	17,470	9,298	619.87	12	3	15	13	18	38,752
All other towns,	323	57,926,272	37,783,212	12,924,669	525.16	17,314	7,297	24,611	10,101	28,722	62,404,165
Total for the towns,	2,186	\$368,834,935	\$266,187,114	\$96,077,293	\$457.80	123,531	48,712	172,948	144,588	196,577	\$442,019,020

X

TABLE II. CHARACTER OF OWNERSHIP FOR 19 SELECTED INDUSTRIES — 1913.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
All Industries,	8,466	616,927	\$351,399,706	\$1,658,728,163	\$986,949,987
Individual,	3,528	44,125	17,676,409	115,494,027	53,384,949
Firm,	1,579	55,551	32,646,614	164,734,344	66,379,549
Corporation,	3,274	508,496	206,020,088	1,357,569,603	567,635,789
Other, ¹	24	8,755	4,956,625	20,930,389	9,559,600
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	42.0	7.2	5.0	7.0	7.7
Firm,	18.8	9.0	9.3	9.9	9.5
Corporation,	38.9	82.4	84.3	81.8	81.4
Other, ¹	0.3	1.4	1.4	1.3	1.4
Automobiles, including bodies and parts,	57	4,165	3,462,154	11,265,762	6,246,123
Individual,	15	207	170,750	544,722	332,330
Firm,	9	345	260,215	679,901	442,890
Corporation,	33	3,613	2,971,189	10,041,079	5,470,963
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	26.3	5.0	5.0	4.8	5.3
Firm,	15.8	8.3	7.6	6.0	7.1
Corporation,	57.9	86.7	87.4	89.2	87.6
Boots and shoes, exclusive of cut stock and findings,	453	51,228	59,779,125	216,697,911	85,796,749
Individual,	143	7,906	4,949,283	19,533,391	8,258,428
Firm,	120	14,715	9,364,341	39,577,268	15,976,106
Corporation,	190	58,607	36,465,561	157,587,322	61,472,206
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	31.6	9.7	9.8	9.0	9.6
Firm,	26.5	18.1	18.4	18.3	18.7
Corporation,	41.9	72.2	71.8	72.7	71.7
Boot and shoe cut stock and findings,	375	8,319	4,358,615	55,699,872	11,962,343
Individual,	173	2,482	1,282,369	11,432,007	3,045,122
Firm,	119	2,417	1,239,615	18,974,344	3,664,818
Corporation,	83	3,411	1,636,631	23,692,521	4,372,303
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	46.1	29.9	29.4	21.6	27.5
Firm,	31.7	29.1	28.5	35.8	33.1
Corporation,	22.2	41.0	42.1	42.6	39.4
Bread and other bakery products,	894	6,566	3,952,479	28,321,835	13,134,296
Individual,	620	2,121	1,534,899	9,974,509	4,296,851
Firm,	136	1,134	738,951	5,271,906	2,235,151
Corporation,	48	3,251	1,678,629	13,085,330	6,602,303
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	77.1	32.6	38.8	35.2	32.7
Firm,	16.9	17.4	18.7	18.6	17.0
Corporation,	6.0	50.0	42.5	46.2	50.3
Clothing, men's, including shirts,	219	7,739	4,222,675	21,772,597	10,322,914
Individual,	101	1,686	955,129	3,289,100	1,721,273
Firm,	68	1,892	977,064	4,813,964	2,507,449
Corporation,	50	4,152	2,401,482	13,669,543	6,094,192
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	46.1	21.8	22.0	15.1	16.7
Firm,	31.1	24.5	22.6	22.1	24.3
Corporation,	22.8	53.7	55.4	62.8	59.0

¹ Voluntary associations and co-operative societies.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Clothing, women's,	184	6,082	\$3,062,218	\$12,812,240	\$6,530,872
Individual,	73	1,637	843,479	3,649,910	1,811,583
Firm,	72	2,061	1,113,235	5,146,973	2,294,755
Corporation,	39	2,384	1,105,504	5,015,366	2,414,534
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	39.7	27.0	27.5	28.4	27.8
Firm,	39.1	33.9	36.4	37.3	35.2
Corporation,	21.2	39.1	36.1	36.3	37.0
Confectionery,	121	7,225	3,730,212	20,175,141	7,400,440
Individual,	50	491	239,701	1,323,404	562,586
Firm,	22	210	78,746	605,168	269,248
Corporation,	49	6,524	2,461,765	18,246,569	6,637,606
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	41.3	6.8	8.6	6.6	7.5
Firm,	18.2	2.9	2.8	3.0	3.6
Corporation,	40.5	90.3	88.6	90.4	88.9
Cotton goods, including cotton small wares,	190	115,837	53,156,512	211,965,230	\$3,380,706
Individual,	8	483	250,204	1,654,016	548,741
Firm,	13	1,817	778,722	3,139,187	1,086,281
Corporation,	169	113,537	52,127,496	207,192,017	81,745,684
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	4.2	0.4	0.5	0.8	0.7
Firm,	6.8	1.6	1.4	1.5	1.3
Corporation,	89.0	98.0	98.1	97.7	98.0
Cutlery and tools, not elsewhere specified,	137	7,129	4,513,372	12,760,732	9,973,476
Individual,	58	443	294,348	790,783	568,263
Firm,	17	113	66,390	206,440	132,034
Corporation,	62	6,573	4,152,634	12,763,509	9,273,179
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	42.3	6.2	6.5	5.7	5.7
Firm,	12.4	1.6	1.5	1.5	1.3
Corporation,	45.3	92.2	92.0	92.8	93.0
Electrical machinery, apparatus and supplies,	80	22,437	14,352,758	54,483,001	29,380,198
Individual,	14	363	173,555	882,640	460,371
Firm,	4	27	20,168	192,530	40,346
Corporation,	62	22,047	14,159,035	53,358,521	28,799,481
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	17.5	1.6	1.2	1.6	1.6
Firm,	5.0	0.1	0.1	0.4	0.1
Corporation,	77.5	98.3	98.7	98.0	98.3
Foundry and machine-shop products,¹	763	45,814	31,607,108	80,948,083	56,214,574
Individual,	262	2,987	2,058,415	6,123,958	3,985,039
Firm,	102	1,547	1,065,774	3,278,665	2,046,932
Corporation,	399 ²	41,280	28,482,919	81,536,060	50,182,403
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	34.3	6.5	6.5	6.7	7.1
Firm,	13.4	3.4	3.4	3.6	3.6
Corporation,	52.3 ²	90.1	90.1	89.7	89.3

¹ Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; saddlery hardware; plumbers' supplies; steam fittings and heating apparatus; and structural ironwork.

² Includes three associations, in order to avoid disclosing the operations of individual establishments.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Furniture and refrigerators,	127	3,299	\$4,779,814	\$15,327,482	\$8,693,323
Individual,	42	655	890,952	1,281,300	741,052
Firm,	29	1,181	761,945	2,259,801	1,215,083
Corporation,	56 ¹	6,544	3,626,917	11,786,381	6,636,088
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	33.1	7.8	8.2	8.4	8.5
Firm,	22.8	15.9	13.8	14.7	15.2
Corporation,	44.1 ¹	75.9	78.0	76.9	76.3
Hosiery and knit goods,	65	19,739	4,813,497	16,683,519	7,894,436
Individual,	16	259	122,533	584,407	249,756
Firm,	7	917	429,076	2,567,255	1,196,943
Corporation,	42	9,563	4,261,798	13,541,848	6,437,727
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	24.6	2.4	2.6	3.5	3.2
Firm,	10.8	8.5	8.9	15.4	15.3
Corporation,	64.6	89.1	88.5	81.1	81.6
Jewelry,	199	7,872	4,797,593	16,536,436	9,791,936
Individual,	42	1,002	649,323	2,114,639	1,323,990
Firm,	50	2,130	1,384,031	4,816,287	2,963,971
Corporation,	68 ¹	4,441	2,764,239	9,595,510	5,485,027
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	26.3	13.2	13.5	12.8	12.7
Firm,	31.2	28.1	28.9	29.1	30.8
Corporation,	42.5 ¹	58.7	57.6	58.1	56.5
Leather, tanned, curried, and finished,	127	19,321	6,128,284	46,674,479	11,999,657
Individual,	44	1,268	764,208	2,695,680	1,237,437
Firm,	25	1,174	662,736	4,066,475	1,466,706
Corporation,	58	7,879	4,711,440	39,892,365	9,126,917
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	34.6	12.3	12.4	5.8	11.2
Firm,	19.7	11.4	10.8	8.7	12.3
Corporation,	45.7	76.3	76.8	85.5	76.5
Musical instruments, pianos and organs, and materials,	59	4,221	2,793,294	9,286,422	5,291,665
Individual,	13	101	74,433	870,562	185,546
Firm,	4	37	23,948	84,972	58,034
Corporation,	33	4,083	2,694,913	8,753,878	5,047,475
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	26.0	2.4	2.7	4.0	3.5
Firm,	8.0	0.9	0.8	0.9	1.1
Corporation,	66.0	96.7	96.5	95.1	95.4
Paper and wood pulp, . . .	83	14,352	8,197,440	48,462,986	18,471,596
Individual,	3	17	10,001	44,119	24,809
Firm,	12	1,884	1,187,317	6,973,537	2,659,065
Corporation,	73	12,451	7,000,122	41,385,230	15,787,842
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	3.4	0.1	0.1	0.1	0.1
Firm,	13.6	13.1	14.5	14.4	14.4
Corporation,	83.0	86.8	85.4	85.5	85.5

¹ Includes one association, in order to avoid disclosing the operations of individual establishments.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Concluded.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Slaughtering and meat packing, including sausage, .	84	3,577	\$2,108,418	\$58,658,143	\$6,460,480
Individual,	46	163	112,756	2,058,467	388,387
Firm,	15	83	62,666	1,408,470	164,983
Corporation,	23	3,331	1,920,988	55,191,206	5,946,129
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	54.8	4.6	5.4	3.5	6.0
Firm,	17.8	2.3	3.0	2.4	2.5
Corporation,	27.4	93.1	91.6	94.1	91.5
Woolen, worsted, and felt goods and wool hats, .	181	59,979	24,980,988	123,678,725	48,239,286
Individual,	23	1,890	997,580	3,787,772	1,708,581
Firm,	31	2,541	1,830,860	9,180,416	3,598,720
Corporation,	127	45,549	21,822,470	110,710,537	43,007,985
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	12.7	3.7	4.1	3.1	3.5
Firm,	11.6	6.9	7.4	7.4	7.5
Corporation,	75.7	89.4	88.5	89.5	89.0

TABLE III. WAGE-EARNERS.
AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
THE STATE.													
Males,	616,927	629,310	630,864	631,368	622,416	610,677	604,521	591,692	602,634	613,814	619,348	623,082	621,210
Females,	422,559	429,811	430,563	432,014	425,974	419,223	415,608	409,467	415,806	420,078	422,322	424,023	423,838
	194,368	199,499	200,301	199,394	196,442	191,454	188,823	182,225	186,828	193,736	197,026	198,999	197,552
Agricultural Implements.													
Males,	459	444	468	486	516	490	461	414	384	480	443	464	524
Females,	459	444	468	486	516	490	451	414	384	420	443	464	534
	-	-	-	-	-	-	-	-	-	-	-	-	-
Artificial Stone.													
Males,	230	200	185	193	225	254	253	251	264	264	244	231	205
Females,	230	200	185	193	225	254	253	251	264	264	244	231	205
	-	-	-	-	-	-	-	-	-	-	-	-	-
Automobiles, including Bodies and Parts.													
Males,	4,165	4,197	4,319	4,398	4,580	4,501	4,109	4,175	4,003	3,819	3,938	3,855	3,753
Females,	4,128	4,159	4,278	4,358	4,538	4,461	4,369	4,135	3,965	3,812	3,903	3,831	3,722
	37	38	41	40	42	40	40	38	38	37	35	34	31
Awnings, Tents, and Sails.													
Males,	353	274	305	344	432	402	497	449	527	285	278	267	264
Females,	234	188	208	230	280	334	327	298	216	187	181	179	172
	119	86	97	114	152	168	170	151	111	98	97	88	83

TABLE III. WAGE-EARNERS — Continued.

AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Boot and Shoe Cut Stock and Findings.													
Males,	8,510	8,619	8,671	8,686	8,176	7,998	7,887	7,864	8,808	8,072	8,838	8,988	8,847
Females,	5,777	5,902	6,026	6,016	5,634	5,438	5,498	5,434	5,742	5,622	5,736	6,020	6,155
	2,533	2,617	2,645	2,610	2,541	2,428	2,389	2,390	2,460	2,450	2,496	2,646	2,692
Boots and Shoes.													
Males,	81,228	84,455	85,807	84,838	79,958	77,114	77,089	78,817	81,868	79,945	79,938	88,185	88,578
Females,	53,224	54,917	55,435	55,096	52,390	50,336	51,232	51,710	53,437	52,553	52,414	53,734	54,790
	28,004	29,538	29,772	29,136	27,566	26,278	26,697	27,107	27,831	27,390	27,518	28,391	28,733
Boots and Shoes, Rubber.													
Males,	7,957	8,265	8,509	8,536	8,480	8,862	8,153	7,463	7,100	7,598	7,598	7,878	7,868
Females,	4,832	4,994	5,043	5,159	5,064	4,980	4,912	4,535	4,364	4,648	4,635	4,817	4,812
	3,125	3,291	3,266	3,376	3,366	3,302	3,241	2,928	2,736	2,944	2,943	3,066	3,046
Bones, Cigar.													
Males,	165	165	166	169	169	165	161	163	167	168	172	170	171
Females,	83	84	84	81	80	81	82	83	83	83	83	83	83
	82	81	82	78	79	84	79	81	85	85	89	87	88
Bones, Fancy and Paper.													
Males,	4,895	4,899	4,834	4,808	4,800	4,835	4,163	4,176	4,207	4,268	4,419	4,458	4,384
Females,	1,488	1,465	1,464	1,480	1,468	1,472	1,430	1,463	1,487	1,513	1,534	1,524	1,527
	2,907	2,834	2,850	2,822	2,802	2,763	2,733	2,712	2,720	2,755	2,885	2,928	2,867
Bones, Wooden Packing.													
Males,	3,747	3,779	3,838	3,809	3,788	3,867	3,676	3,688	3,655	3,758	3,805	3,768	3,708
Females,	3,390	3,400	3,450	3,435	3,368	3,331	3,351	3,301	3,294	3,392	3,436	3,401	3,242
	357	379	378	374	354	336	325	321	341	360	369	367	364

Brass and Bronze Products.													
Males,	.	1,955	2,124	2,099	1,885	1,880	1,891	1,899	1,898	1,916	1,899	1,898	1,898
Females,	.	43	43	44	43	43	43	39	41	43	41	42	43
Bread and Other Bakery Products.													
Males,	.	6,508	6,555	6,458	6,578	6,588	6,591	6,716	6,446	6,598	6,447	6,419	6,579
Females,	.	1,425	1,562	1,451	1,507	1,493	1,455	1,509	1,383	1,537	1,412	1,390	1,315
Brick and Tile.													
Males,	.	898	951	919	863	809	1,351	1,490	1,518	1,487	988	488	308
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-
Brooms.													
Males,	.	128	125	180	180	118	114	110	118	124	126	127	126
Females,	.	9	9	8	8	8	7	8	9	9	9	10	9
Brushes.													
Males,	.	1,598	1,614	1,647	1,694	1,610	1,587	1,580	1,553	1,503	1,568	1,586	1,571
Females,	.	771	787	802	766	796	773	769	768	787	770	785	773
Butter.													
Males,	.	45	38	38	38	48	45	47	46	44	44	45	45
Females,	.	43	38	38	38	42	45	46	45	44	44	43	43
Buttons.													
Males,	.	804	810	806	788	748	770	793	863	868	855	800	764
Females,	.	436	430	425	429	416	438	441	465	461	453	433	383

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	February	March	April	May	June	July	August	September	October	November	December
Canning and Preserving.													
Males,	1,632	1,708	1,702	1,605	1,382	1,403	1,498	1,526	1,611	1,786	1,808	1,867	1,764
Females,	1,218	1,325	1,303	1,207	1,021	1,012	1,066	1,111	1,187	1,282	1,246	1,379	1,332
	414	381	399	398	361	391	426	414	424	454	462	478	432
Card Cutting and Designing.													
Males,	68	43	48	49	51	50	53	59	62	79	77	71	68
Females,	27	20	24	25	25	25	26	27	28	36	33	31	32
	31	23	24	24	26	25	27	32	34	43	44	40	31
Carpets and Rugs, Other than Rag.													
Males,	5,728	6,167	6,240	6,137	5,986	5,731	5,639	5,681	5,513	5,429	5,371	5,362	5,207
Females,	3,193	3,457	3,455	3,403	3,314	3,182	3,130	3,141	3,079	3,024	3,030	2,998	3,139
	2,533	2,700	2,785	2,734	2,612	2,549	2,509	2,490	2,434	2,405	2,341	2,364	2,478
Carpets, Rag.													
Males,	87	74	78	79	84	98	95	94	95	86	87	80	73
Females,	74	61	66	67	71	78	79	79	81	73	74	67	64
	13	13	12	12	13	15	16	15	14	13	13	13	9
Carriages and Sleds, Children's.													
Males,	864	1,076	1,068	1,053	977	867	802	559	606	680	735	813	833
Females,	743	915	919	913	851	759	716	536	541	601	644	722	791
	111	161	149	140	126	108	86	63	65	79	91	121	142
Carriages and Wagons and Materials.													
Males,	1,148	1,042	1,066	1,108	1,266	1,273	1,253	1,160	1,164	1,129	1,077	1,040	1,018
Females,	1,146	1,040	1,094	1,191	1,253	1,270	1,250	1,188	1,162	1,127	1,076	1,039	1,017
	2	2	2	2	3	3	3	2	2	2	1	1	1

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Coffee and Spice, Roasting and Grinding.													
Males,	389	579	579	577	571	575	577	587	411	405	406	406	401
Females,	236	231	233	234	233	232	233	238	241	241	244	241	241
	153	148	146	143	138	143	144	149	170	164	162	165	160
Coffins, Burial Cases, and Undertakers' Goods.													
Males,	355	354	364	371	365	355	357	350	350	353	347	347	347
Females,	312	308	317	322	320	311	312	309	307	309	304	304	306
	43	46	47	49	45	44	45	41	43	44	43	43	41
Combs and Hairpins.													
Males,	2,051	2,860	2,110	2,053	1,808	1,776	1,807	1,773	1,880	2,107	2,338	2,416	2,173
Females,	1,491	1,672	1,537	1,485	1,345	1,268	1,268	1,392	1,396	1,543	1,709	1,773	1,804
	500	573	573	573	561	511	519	486	524	564	623	644	568
Confectionery.													
Males,	7,286	6,521	6,644	6,544	6,889	6,598	6,888	6,508	7,548	7,988	8,418	8,617	8,298
Females,	1,832	1,806	1,816	1,804	1,691	1,756	1,763	1,704	1,870	1,990	2,117	2,138	2,044
	5,543	4,713	4,828	4,740	4,598	4,840	5,126	4,802	5,678	6,006	6,301	6,479	6,048
Cooperage.													
Males,	809	839	833	813	816	805	801	789	788	793	809	801	812
Females,	796	817	810	806	804	793	798	776	773	780	796	788	769
	13	12	12	12	12	12	13	13	13	13	13	13	13

Copper, Tin, and Sheet-Iron Products.		\$,688	\$,604	\$,616	\$,684	\$,680	\$,601	\$,673	\$,615	\$,635	\$,638	\$,718	\$,638	\$,600
Males,		2,310	2,374	2,303	2,320	2,280	2,378	2,255	2,308	2,319	2,297	2,380	2,267	2,295
Females,		318	320	313	314	320	313	318	307	316	325	338	321	314
Cordage and Twine.														
Males,		2,637	2,744	2,815	2,785	2,740	2,805	2,665	2,805	2,804	2,665	2,809	2,679	2,619
Females,		2,121	2,219	2,276	2,247	2,225	2,066	2,063	2,141	2,011	2,045	1,965	2,065	2,099
		516	525	539	539	525	529	502	465	493	531	523	514	520
Cordials and Syrups.														
Males,		61	55	57	59	68	67	71	77	75	64	61	35	57
Females,		41	34	36	37	44	45	48	53	50	41	40	29	31
		20	21	21	22	23	22	23	24	25	23	21	6	6
Corsets.														
Males,		2,977	2,880	2,943	2,968	2,953	3,408	2,985	2,937	3,191	2,901	2,965	2,914	2,840
Females,		2,326	316	323	325	321	368	317	308	344	316	324	323	326
		2,651	2,544	2,625	2,643	2,643	3,060	2,808	2,510	2,847	2,565	2,641	2,591	2,514
Cotton Goods.														
Males,		114,980	117,071	117,017	117,868	116,709	119,947	111,858	111,188	109,063	114,874	118,197	117,094	117,070
Females,		61,687	62,86	62,809	63,403	63,589	61,196	59,680	59,750	58,666	61,678	61,967	62,721	62,980
		53,373	54,210	54,208	54,265	54,120	52,751	51,966	51,438	50,397	53,196	54,340	54,373	54,180
Cotton Small Wares.														
Males,		577	587	583	588	591	593	590	788	587	585	572	573	568
Females,		368	377	373	367	375	378	377	340	379	369	360	354	366
		508	510	510	531	536	535	533	437	508	506	512	519	500
Outlery and Tools, not elsewhere Specified.														
Males,		7,189	7,003	7,070	7,191	7,409	7,187	7,201	7,287	7,107	7,217	7,099	7,141	7,014
Females,		6,227	6,205	6,240	6,268	6,279	6,377	6,381	6,145	6,230	6,313	6,176	6,292	6,168
		892	798	830	908	980	880	920	899	887	1,004	923	939	846

TABLE III. WAGE-EARNERS — Continued
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Dairymen's, Poulterers', and Apiarists' Supplies.													
Males,	22	23	23	26	23	23	22	21	22	22	22	21	20
Females,	4	4	4	5	5	5	5	5	5	5	3	2	2
Dentists' Materials.													
Males,	67	64	65	68	67	67	69	67	63	64	66	65	65
Females,	27	25	25	27	26	27	28	27	25	25	25	24	25
Dyeing and Finishing Textiles.													
Males,	11,688	11,202	11,236	11,428	11,903	11,778	11,777	11,327	11,462	11,561	12,032	12,270	12,274
Females,	2,222	2,223	2,198	2,208	2,377	2,331	2,271	2,145	2,079	2,110	2,232	2,268	2,208
Dyestuffs and Extracts.													
Males,	110	118	114	118	112	111	108	107	108	106	107	108	101
Females,	4	7	8	7	5	4	1	1	2	2	2	2	2
Electrical Machinery, Apparatus, and Supplies.													
Males,	22,437	22,210	22,461	22,785	23,213	23,473	23,388	23,167	22,740	22,431	21,837	21,286	20,324
Females,	4,269	4,084	4,175	4,258	4,397	4,462	4,465	4,311	4,334	4,330	4,236	4,161	4,024

		868	840	837	860	849	865	868	848	845	865	875	870	863
Electroplating.														
Males,	.	232	222	219	241	331	240	233	231	226	235	247	247	232
Females,	.	20	18	18	19	18	18	19	17	19	20	26	23	21
Emery and Other Abrasive Wheels.														
Males,	.	1,183	1,159	1,169	1,184	1,188	1,173	1,161	1,118	1,159	1,068	1,084	1,084	1,080
Females,	.	1,088	1,108	1,127	1,156	1,159	1,143	1,139	1,076	1,099	1,057	1,046	994	961
		35	31	32	28	27	31	32	36	40	39	38	40	39
Enameling and Japanning.														
Males,	.	153	157	158	158	140	158	183	156	153	154	151	154	153
Females,	.	88	88	93	95	97	79	79	87	89	87	85	85	81
		45	49	45	43	43	43	44	49	43	47	46	49	51
Engraving and Dieinking.														
Males,	.	177	180	177	176	181	173	171	170	168	174	162	180	182
Females,	.	138	144	144	141	142	136	133	130	127	135	134	136	139
		39	36	33	34	39	37	38	40	39	39	48	44	43
Envelopes.														
Males,	.	2,069	2,073	2,061	2,086	2,078	2,076	2,073	2,009	1,084	2,073	2,068	2,118	2,116
Females,	.	780	708	716	730	734	731	749	730	742	730	733	740	744
		1,339	1,365	1,345	1,355	1,344	1,345	1,324	1,279	1,242	1,343	1,304	1,378	1,372
Fancy Articles, not elsewhere Specified.														
Males,	.	602	404	441	487	465	489	506	478	470	577	599	604	611
Females,	.	281	262	278	291	253	267	270	265	255	291	301	322	298
		221	143	163	196	202	222	226	211	215	286	298	283	213
Felt Goods.														
Males,	.	810	798	785	788	768	753	765	768	760	835	824	889	945
Females,	.	679	666	651	660	642	634	644	639	639	694	736	753	777
		131	126	134	126	116	119	121	129	121	141	148	146	148

TABLE III. WAGE-EARNERS — Continued.

AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

Industries and Sex.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Firearms.													
Males,	2,599	2,632	2,702	2,717	2,767	2,686	2,717	2,712	2,647	2,574	2,580	2,402	2,401
Females,	43	40	42	39	41	43	40	42	44	51	48	42	43
Flavoring Extracts.													
Males,	102	91	91	93	104	105	103	109	107	98	101	104	103
Females,	43	42	42	42	43	43	43	43	42	41	42	43	44
Females,	59	51	49	51	61	62	65	66	65	57	59	61	59
Flour-Mill and Gristmill Products.													
Males,	142	142	144	144	142	141	143	143	141	140	142	143	142
Females,	138	138	140	140	138	137	139	139	137	136	138	139	138
Females,	4	4	4	4	4	4	4	4	4	4	4	4	4
Food Preparations.													
Males,	519	457	468	559	516	248	235	244	252	260	279	341	332
Females,	232	329	348	251	233	180	174	171	176	188	207	242	275
Females,	87	108	120	108	83	62	61	73	76	72	72	99	113
Foundry and Machine-Shop Products.													
Males,	37,717	39,553	39,762	39,762	38,945	37,741	39,339	36,028	36,570	36,708	37,108	36,923	36,658
Females,	37,099	39,196	39,073	39,079	38,283	37,102	35,737	35,424	35,987	36,140	36,524	36,335	36,091
Females,	618	657	639	683	662	639	602	604	533	563	584	588	565
Fur Goods.													
Males,	181	177	149	150	145	176	190	173	195	205	212	218	207
Females,	94	89	79	77	73	93	101	91	104	108	111	113	107
Females,	87	88	70	73	72	83	89	82	91	97	101	105	100

Furnishing Goods, Men's.		404	386	375	410	401	406	398	398	396	415	441	473	470
Males,		66	60	57	64	65	70	72	70	73	68	68	71	70
Females,		338	366	318	346	336	336	336	362	362	347	373	403	400
Furniture.		8,363	7,573	8,178	8,573	8,145	7,968	8,240	7,319	7,908	8,475	8,339	8,439	8,814
Males,		7,539	7,174	7,459	7,939	7,439	7,390	7,635	7,155	7,357	7,801	7,801	7,671	8,076
Females,		713	669	719	743	716	738	715	664	651	674	721	765	740
Galvanizing.		14	11	15	14	15	14	14	15	15	15	14	15	15
Males,		14	11	13	14	13	14	14	13	13	13	14	15	13
Females,		-	-	-	-	-	-	-	-	-	-	-	-	-
Gas and Electric Fixtures.		153	158	159	138	136	134	135	135	137	137	145	147	160
Males,		130	135	136	110	123	122	121	124	126	135	140	143	147
Females,		3	3	3	3	3	2	2	1	1	2	3	4	3
Glass Cutting, Staining, and Ornamenting.		298	295	295	297	297	205	194	197	215	234	240	244	265
Males,		219	226	216	226	238	197	187	189	206	225	231	235	226
Females,		9	9	9	9	9	8	7	8	9	9	9	9	9
Glue.		545	600	602	594	590	569	516	456	451	451	534	556	575
Males,		423	444	462	446	446	423	397	374	363	393	423	431	444
Females,		119	156	140	138	144	137	119	82	88	88	111	125	131
Gold and Silver, Leaf and Foil.		122	108	111	111	126	128	121	117	114	122	129	131	131
Males,		63	53	55	55	65	64	63	63	58	65	67	66	67
Females,		59	55	56	56	63	63	58	54	56	57	62	63	64

TABLE III. WAGE-EARNERS — Continued.

AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH; BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.		January	February	March	April	May	June	July	August	September	October	November	December
		Average Number Employed											
Gold and Silver, Reducing and Refining, not from the Ore.		107	108	106	108	108	108	107	108	107	107	107	105
Males,		87	88	87	87	86	88	88	88	87	88	89	87
Females,		20	20	19	19	22	20	19	20	20	19	18	18
Grease and Tallow.		687	674	684	684	688	688	688	688	686	683	680	680
Males,		671	663	672	671	671	675	677	678	674	665	675	676
Females,		16	11	12	13	15	21	19	17	21	18	15	14
Hand-Knit Goods.		8	10	9	8	6	4	4	5	7	8	11	10
Males,		4	4	3	3	3	3	3	4	4	4	5	4
Females,		4	6	6	5	3	1	1	1	3	4	6	6
Hand Stamps and Stencils and Brands.		113	113	110	103	108	110	115	115	110	115	121	119
Males,		96	94	88	83	88	89	91	91	87	94	96	96
Females,		22	19	23	21	20	21	24	22	23	21	25	24
Hardware.		1,785	1,771	1,768	1,745	1,703	1,668	1,680	1,698	1,684	1,663	1,671	1,661
Males,		1,615	1,645	1,630	1,616	1,570	1,535	1,496	1,467	1,456	1,432	1,541	1,533
Females,		110	126	123	129	133	133	134	126	128	131	120	113

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Iron and Steel, Bolts, Nuts, Washers, and Rivets, not made in Steel Works or Rolling Mills.	1,408	1,412	1,428	1,426	1,389	1,401	1,379	1,389	1,399	1,399	1,405	1,394	1,385
Males,	978	966	995	987	943	966	955	965	984	994	993	985	983
Females,	424	446	433	439	446	435	424	424	415	405	412	409	402
Iron and Steel Forgings.	657	665	673	684	689	691	681	676	664	638	608	608	602
Males,	657	665	673	684	686	691	681	676	664	638	608	608	602
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron and Steel Nails and Spikes, Cut and Wrought, including Wire Nails, not made in Steel Works or Rolling Mills.	1,937	1,910	1,922	1,937	1,951	1,907	1,902	1,941	1,967	1,974	1,991	1,906	1,888
Males,	950	920	928	941	974	930	933	794	986	987	989	1,008	1,015
Females,	287	290	294	296	277	277	269	247	281	287	302	298	323
Ivory, Shell, and Bone Work, not including Combs and Hairpins.	74	91	86	73	72	68	59	72	69	72	90	79	64
Males,	61	74	69	60	58	57	50	59	60	62	72	63	44
Females,	13	17	17	13	14	11	9	13	9	10	18	16	10

Jewelry.		7,275	7,265	7,719	7,454	7,078	7,450	7,107	7,177	7,245	7,554	7,587	7,681	7,677
Males,	.	5,053	5,350	5,130	4,963	4,705	4,960	4,939	4,758	4,855	5,232	5,330	5,168	5,146
Females,	.	3,031	2,025	2,589	2,531	2,374	2,470	2,538	2,419	2,490	2,603	2,637	2,513	2,531
Jewelry and Instrument Cases.														
Males,	.	268	200	264	261	270	269	264	265	266	279	267	261	247
Females,	.	90	86	89	89	90	91	92	87	86	88	90	89	92
	.	172	174	175	173	180	178	172	166	170	191	177	162	155
Kaolin and Ground Earths.														
Males,	.	76	71	75	75	74	78	79	76	72	71	80	82	80
Females,	.	76	71	75	75	74	78	79	76	72	71	80	82	80
	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Labels and Tags.														
Males,	.	21	20	21	20	20	19	20	21	20	22	22	23	22
Females,	.	17	16	16	16	16	15	16	17	16	18	18	19	18
	.	4	4	5	4	4	4	4	4	4	4	4	4	4
Lamps and Reflectors.														
Males,	.	488	490	464	470	453	458	386	389	412	408	486	401	408
Females,	.	396	431	424	439	432	425	357	360	382	373	391	368	365
	.	32	29	30	31	31	31	29	29	30	33	34	33	38
Lasts.														
Males,	.	937	984	968	980	952	858	886	881	965	893	901	896	1,002
Females,	.	924	982	965	918	920	851	883	923	942	890	900	905	1,002
	.	3	2	3	2	2	1	3	8	11	3	1	1	-
Leather Goods, not Elsewhere Specified.														
Males,	.	608	555	540	559	535	612	594	575	622	653	692	679	659
Females,	.	286	266	261	263	273	296	288	279	295	300	305	308	314
	.	317	267	279	296	312	316	306	296	327	353	357	371	345

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.		January	February	March	April	May	June	July	August	September	October	November	December
Average Number Em- ployed													
Leather, Tanned, Curried, and Finished.													
Males,	10,321	11,280	11,105	10,814	10,167	9,737	9,572	9,493	9,724	9,928	10,348	10,593	10,540
Females,	10,164	11,100	10,930	10,638	9,991	9,588	9,453	9,373	9,573	9,780	10,201	10,533	10,778
	157	180	175	176	176	149	119	120	151	148	147	160	162
Lime.													
Males,	445	387	379	420	454	463	479	488	492	485	452	420	411
Females,	445	387	379	420	454	463	479	488	492	485	452	420	411
	-	-	-	-	-	-	-	-	-	-	-	-	-
Linen Goods.													
Males,	1,750	1,832	1,873	1,895	1,822	1,809	1,700	1,627	1,863	1,677	1,659	1,673	1,585
Females,	750	796	793	801	797	731	725	726	729	735	725	725	706
	1,000	1,036	1,080	1,094	1,095	1,078	1,035	901	937	942	934	948	879
Liquors, Distilled.													
Males,	72	69	69	72	69	67	67	67	73	74	72	78	79
Females,	72	69	69	72	69	67	67	67	73	74	72	78	79
	-	-	-	-	-	-	-	-	-	-	-	-	-
Liquors, Malt.													
Males,	1,982	1,913	1,892	1,928	1,949	2,005	2,010	2,082	2,053	2,011	1,985	1,966	1,948
Females,	1,974	1,905	1,884	1,920	1,941	1,997	2,032	2,072	2,045	2,003	1,977	1,958	1,941
	8	8	8	8	8	8	8	10	8	8	8	8	7

Looking-Glass and Picture Frames.		205	211	210	190	180	187	187	184	188	218	227	235
Males,		100	106	195	184	181	173	174	173	172	203	211	219
Females,		15	15	15	15	15	16	13	14	12	15	10	16
Lumber and Timber Products.		608	738	678	616	659	688	618	444	415	618	607	618
Males,		600	730	669	607	650	652	609	437	404	611	650	608
Females,		8	8	9	8	9	10	9	7	9	7	7	10
Lumber, Planing-Mill Products.		3,231	3,128	3,116	3,120	3,238	3,291	3,318	3,245	3,363	3,241	3,167	3,062
Males,		3,226	3,123	3,110	3,115	3,233	3,285	3,313	3,340	3,358	3,236	3,152	3,047
Females,		5	5	5	5	5	6	5	5	5	5	5	5
Marble and Stone Work.		3,435	2,608	2,453	2,743	3,284	3,658	3,965	4,031	4,099	3,682	3,642	3,354
Males,		3,435	2,608	2,453	2,743	3,284	3,658	3,965	4,031	4,099	3,682	3,642	3,354
Females,		-	-	-	-	-	-	-	-	-	-	-	-
Mattresses and Spring Beds.		720	641	680	716	735	778	794	770	718	716	693	648
Males,		559	495	531	555	582	624	626	599	555	548	527	504
Females,		161	146	149	160	151	154	168	171	163	167	166	144
Millinery and Lace Goods.		1,689	1,808	2,045	2,063	1,913	1,658	1,472	1,418	1,449	1,591	1,619	1,649
Males,		292	310	319	326	307	244	238	263	300	277	271	303
Females,		1,397	1,552	1,724	1,767	1,606	1,398	1,234	1,155	1,149	1,314	1,348	1,346
Mineral and Soda Waters.		463	288	322	371	454	623	615	638	624	508	520	519
Males,		448	284	318	367	451	519	610	631	617	363	315	314
Females,		5	4	4	4	3	4	5	7	7	5	5	5

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Mirrors.													
Males,	91	85	94	94	85	90	89	90	90	88	91	94	95
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Models and Patterns, not including Paper Patterns.													
Males,	419	480	440	418	416	416	468	457	468	408	397	376	375
Females,	401	406	427	405	402	399	439	428	438	392	372	361	360
Males,	18	14	13	13	14	17	27	29	28	16	15	15	15
Monuments and Tombstones.													
Males,	1,245	1,101	1,125	1,109	1,309	1,248	1,357	1,331	1,307	1,291	1,267	1,153	1,067
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Mucilage and Paste.													
Males,	97	89	95	98	96	95	98	98	94	96	100	102	100
Females,	73	79	76	73	73	72	73	68	70	70	73	75	74
Males,	24	20	19	19	23	23	23	24	24	26	27	27	26
Musical Instruments and Materials, not Specified.													
Males,	148	154	154	156	155	156	152	156	158	141	144	144	144
Females,	129	134	134	135	134	135	132	117	119	121	125	125	125
Males,	19	20	20	21	21	21	20	19	19	20	19	19	19

Musical Instruments, Pianos and Organs, and Materials.		4,581	4,068	4,177	4,801	4,828	4,810	4,885	4,010	4,178	4,310	4,300	4,304	4,805
Males,	.	3,944	3,819	3,903	3,953	3,932	3,927	3,932	3,774	3,897	4,030	4,032	4,085	3,998
Females,	.	277	249	274	278	290	292	291	266	275	280	278	269	267
Oil, not elsewhere Specified.		310	308	301	311	305	310	318	314	308	309	309	314	310
Males,	.	301	300	293	303	298	302	303	306	299	298	299	302	298
Females,	.	9	8	8	8	7	8	9	8	7	8	10	12	12
Optical Goods.		2,601	2,491	2,595	2,616	2,588	2,602	2,528	2,495	2,618	2,657	2,638	2,651	2,701
Males,	.	1,952	1,782	1,861	1,889	1,833	1,827	1,810	1,798	1,896	1,895	1,912	1,897	1,936
Females,	.	739	709	734	727	753	775	718	695	722	762	756	754	765
Paints and Varnishes.		569	544	550	564	574	578	575	578	567	565	579	567	568
Males,	.	532	505	511	523	532	536	542	538	535	532	537	538	531
Females,	.	37	39	39	41	42	36	33	34	32	33	42	39	37
Paper and Wood Pulp.		1,558	1,511	1,508	1,440	1,488	1,445	1,480	15,886	14,168	14,181	14,889	14,460	14,486
Males,	.	9,899	9,787	9,780	9,860	10,009	9,956	9,916	9,737	9,868	9,880	9,921	9,994	9,936
Females,	.	4,463	4,624	4,526	4,550	4,579	4,589	4,614	4,249	4,300	4,301	4,368	4,456	4,489
Paper Goods, not elsewhere Specified.		4,864	4,076	4,187	4,147	4,173	4,188	4,305	4,408	4,869	4,831	4,890	4,880	4,481
Males,	.	2,347	2,283	2,322	2,380	2,345	2,337	2,331	2,336	2,306	2,356	2,356	2,399	2,450
Females,	.	1,917	1,793	1,865	1,817	1,828	1,845	1,992	2,072	1,993	1,965	1,964	1,981	1,981
Patent Medicines and Compounds and Druggists' Preparations.		1,495	1,490	1,485	1,485	1,488	1,488	1,548	1,887	1,880	1,889	1,881	1,747	1,709
Males,	.	667	659	669	661	653	665	635	611	637	676	719	723	737
Females,	.	828	831	816	764	775	773	713	676	743	853	902	1,026	982

TABLE III. WAGE-EARNERS — Continued.

AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	February	March	April	May	June	July	August	September	October	November	December
Photo-Engraving.													
Males,	322	327	329	323	324	328	323	318	314	317	321	310	317
Females,	287	293	295	289	299	293	288	284	280	281	286	281	283
	35	34	34	34	35	35	35	34	34	36	35	35	34
Plumbers' Supplies.													
Males,	703	717	716	724	719	695	713	695	698	694	710	695	676
Females,	665	681	679	687	684	659	675	656	628	656	666	653	637
	38	36	37	37	35	36	38	39	40	38	44	42	39
Pocketbooks.													
Males,	412	382	410	398	409	396	404	410	396	410	437	457	450
Females,	136	126	123	131	129	127	134	136	130	136	145	153	155
	276	256	282	267	280	269	270	274	236	280	292	304	295
Pottery, Terra-Cotta, and Fire-Clay Products.													
Males,	519	486	496	446	440	461	503	564	555	567	584	578	532
Females,	488	406	416	426	420	440	540	530	519	530	549	542	539
	31	20	20	20	20	21	53	34	36	37	35	36	43
Printing and Publishing.													
Males,	6,776	6,876	6,910	6,896	6,815	6,783	6,701	6,847	6,974	6,744	6,778	6,753	6,806
Females,	4,651	4,716	4,754	4,738	4,631	4,609	4,583	4,580	4,583	4,606	4,642	4,628	4,681
	2,125	2,159	2,156	2,128	2,132	2,119	2,118	2,067	2,091	2,138	2,136	2,130	2,124
Refrigerators.													
Males,	128	149	162	159	140	138	153	129	102	97	100	109	119
Females,	128	149	152	159	140	133	133	129	102	97	100	109	113

Regalia and Society Badges and Emblems.	31	30	30	31	33	30	29	27	28	30	28	29
Males,	6	6	5	6	8	7	6	5	5	5	5	6
Females,	25	25	25	25	25	23	23	22	23	25	23	26
Rubber Goods, not elsewhere Specified.	5,408	4,800	4,879	5,348	5,582	5,182	5,404	5,403	5,401	5,692	5,090	5,100
Males,	4,598	4,007	4,070	4,501	4,730	4,704	4,653	4,611	4,679	4,870	4,882	4,742
Females,	805	793	809	841	848	758	741	792	732	822	817	858
Saddlery and Harness.	246	195	271	279	248	241	240	248	248	235	234	253
Males,	240	195	265	267	266	239	238	246	245	228	227	244
Females,	6	-	6	12	10	2	2	2	1	7	7	9
Sausage, not made in Slaughtering and Meat-Packing Establishments.	400	379	368	372	371	388	398	397	407	428	430	434
Males,	397	376	365	369	368	383	395	394	404	425	436	431
Females,	3	3	3	3	3	3	3	3	3	3	3	3
Scales and Balances.	16	13	13	14	14	17	17	16	10	22	21	19
Males,	15	13	13	14	15	16	16	15	15	21	20	18
Females,	1	-	-	-	1	1	1	1	1	1	1	1
Screws, Machine.	580	563	587	530	653	684	691	680	642	672	645	680
Males,	552	534	558	557	624	565	572	541	515	539	512	506
Females,	28	29	29	33	29	19	19	25	27	33	33	30
Shipbuilding, Wooden, including Boat-building.	630	689	639	708	776	514	653	613	553	671	635	683
Males,	630	629	636	708	775	514	653	613	553	571	545	583
Females,	-	-	-	-	-	-	-	-	-	-	-	-

TABLE III. WAGE-EARNERS — Continued.

AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Shirts.													
Males,	1,917	1,963	1,963	1,979	1,979	1,970	1,980	1,844	1,465	1,896	1,961	2,047	2,011
Females,	436	407	421	435	441	445	448	438	340	446	459	470	474
	1,481	1,556	1,542	1,544	1,538	1,525	1,482	1,406	1,116	1,450	1,502	1,577	1,537
Shoddy.													
Males,	498	510	512	533	500	499	474	444	461	468	471	484	468
Females,	431	458	458	474	446	442	424	388	403	414	411	424	402
	55	52	54	59	54	57	50	56	58	54	60	60	60
Show Cases.													
Males,	83	88	83	88	89	91	82	75	76	81	88	78	78
Females,	83	88	83	88	89	91	82	75	76	81	88	78	78
	-	-	-	-	-	-	-	-	-	-	-	-	-
Signs and Advertising Novelties.													
Males,	169	161	154	154	145	150	153	163	152	159	168	176	168
Females,	110	111	106	110	105	107	108	114	106	108	115	116	109
	49	50	48	44	40	43	45	49	46	51	53	60	59
Silk and Silk Goods, Including Throwsters.													
Males,	4,467	4,686	4,674	4,656	4,468	4,347	4,284	4,808	4,579	4,406	4,578	4,597	4,545
Females,	1,374	1,460	1,467	1,433	1,340	1,316	1,328	1,305	1,370	1,338	1,392	1,390	1,359
	3,093	3,176	3,207	3,203	3,088	2,981	2,956	2,901	3,009	3,068	3,186	3,207	3,187
Silverware and Plated Ware.													
Males,	2,744	2,591	2,669	2,728	2,717	2,678	2,675	2,801	2,785	2,983	3,004	3,009	2,858
Females,	2,321	2,231	2,280	2,339	2,317	2,273	2,273	1,959	2,375	2,444	2,492	2,492	2,377
	423	360	379	389	400	399	402	342	410	489	512	517	475

Slaughtering and Meat Packing.		3,177	3,360	3,361	3,311	3,081	3,066	3,038	3,008	3,076	3,079	3,180	3,378	3,387
Males,		3,152	3,366	3,390	3,191	3,059	3,033	3,000	3,066	3,051	3,054	3,101	3,249	3,338
Females,		25	24	22	20	22	22	22	26	25	25	28	29	29
Soap.		483	600	601	600	603	494	498	486	476	487	468	469	483
Males,		360	365	378	370	364	365	366	360	354	360	341	348	350
Females,		128	135	123	130	139	129	126	126	121	127	121	121	133
Sporting and Athletic Goods.		1,183	1,227	1,260	1,273	1,283	1,216	1,218	1,247	970	1,014	1,100	1,130	1,184
Males,		880	889	914	922	952	956	911	934	758	762	831	849	876
Females,		313	338	336	351	371	359	337	313	212	252	269	287	318
Stationery Goods, not elsewhere Specified.		1,620	1,618	1,603	1,616	1,691	1,661	1,639	1,461	1,633	1,637	1,676	1,691	1,710
Males,		681	637	660	680	707	706	702	636	676	672	680	689	730
Females,		948	881	943	935	974	965	957	816	956	965	996	1,002	980
Statuary and Art Goods.		107	94	98	89	108	111	128	186	98	101	101	103	183
Males,		106	93	91	98	107	110	121	126	98	101	101	103	123
Females,		1	1	1	1	1	1	1	-	-	-	-	-	-
Steam Fittings and Heating Apparatus.		3,630	3,633	3,574	3,573	3,693	3,667	3,640	3,648	3,630	3,607	3,684	3,480	3,444
Males,		3,480	3,479	3,470	3,548	3,542	3,551	3,528	3,443	3,491	3,503	3,517	3,317	3,346
Females,		110	104	104	125	120	116	112	105	99	99	117	113	108
Steam Packing.		85	83	91	91	89	91	84	87	83	81	81	76	78
Males,		84	82	90	90	88	90	83	86	87	80	80	75	77
Females,		1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	February	March	April	May	June	July	August	September	October	November	December
Stereotyping and Electrotyping.													
Males,	286	282	283	287	292	289	289	289	281	284	284	282	282
Females,	265	263	266	265	270	268	269	269	262	264	262	259	259
	21	19	22	22	22	21	20	20	19	20	22	23	23
Stoves and Furnaces, not including Gas and Oil Stoves.													
Males,	1,621	1,506	1,598	1,607	1,620	1,619	1,611	1,538	1,686	1,704	1,705	1,630	1,569
Females,	1,613	1,500	1,590	1,601	1,613	1,612	1,604	1,580	1,678	1,696	1,696	1,622	1,562
	8	6	6	6	7	7	7	8	8	8	9	8	7
Structural Ironwork.													
Males,	1,667	1,600	1,558	1,511	1,595	1,670	1,692	1,746	1,764	1,742	1,764	1,711	1,618
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Surgical Appliances.													
Males,	241	285	223	230	241	239	239	248	259	255	257	246	240
Females,	153	144	146	148	152	154	153	157	162	161	162	158	166
	88	82	77	82	89	85	86	91	97	94	95	88	84
Suspenders, Garters, and Elastic Woven Goods.													
Males,	5,101	5,163	5,180	5,805	5,091	2,865	2,954	2,985	2,995	3,066	3,276	3,265	3,236
Females,	1,001	1,005	1,004	1,038	999	936	931	966	988	993	1,053	1,045	1,040
	2,100	2,118	2,116	2,167	2,092	2,029	2,003	1,959	1,997	2,102	2,223	2,220	2,196

Tobacco Manufactures.		4,161	3,798	4,000	4,043	4,131	4,198	4,420	4,331	4,340	4,230	4,257	4,363	4,311
Males,		2,977	2,646	2,803	2,820	2,920	2,986	3,047	3,088	3,067	3,072	3,085	3,086	3,080
Females,		1,174	1,152	1,206	1,213	1,211	1,182	1,182	1,162	1,153	1,157	1,169	1,178	1,152
Toys and Games.		1,248	849	918	1,086	1,084	1,160	1,208	1,140	1,111	1,189	1,165	1,180	1,087
Males,		827	612	656	699	735	751	844	971	938	987	999	949	787
Females,		419	237	266	337	349	409	461	569	573	542	556	471	250
Trunks and Valises.		451	531	563	451	495	509	519	580	474	474	450	487	553
Males,		337	260	282	333	364	371	376	398	360	353	331	319	372
Females,		114	71	93	118	129	138	136	131	114	121	119	108	86
Type Foundry and Printing Materials.		108	181	119	118	117	107	103	101	98	89	101	108	108
Males,		86	95	96	94	93	84	82	82	79	80	82	85	85
Females,		22	26	23	24	24	23	21	19	19	19	19	23	23
Upholstering Materials.		123	131	186	157	181	118	118	140	181	124	114	115	122
Males,		119	128	123	133	117	114	112	135	117	119	110	111	116
Females,		4	3	3	4	4	4	6	5	4	5	4	4	6
Vinegar and Cider.		32	23	22	21	22	24	22	26	28	42	58	54	30
Males,		32	23	22	21	22	24	22	26	28	42	58	54	30
Females,		-	-	-	-	-	-	-	-	-	-	-	-	-
Waste.		641	698	624	688	658	628	610	609	588	617	630	651	683
Males,		385	409	349	411	413	395	379	375	353	374	386	385	390
Females,		256	289	275	277	245	233	231	234	235	243	253	256	292

TABLE III. WAGE-EARNERS — Concluded.

AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1913 — Concluded.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Watch and Clock Materials.	170	170	178	180	177	174	168	172	189	175	174	179	172
Males,	60	59	60	60	60	59	57	62	44	64	63	65	63
Females,	110	111	116	120	117	115	109	110	85	111	111	114	109
Whips.	1,183	1,167	1,159	1,164	1,154	1,158	1,108	1,088	1,135	1,112	1,127	1,084	1,080
Males,	784	812	795	803	802	796	769	760	798	780	797	768	734
Females,	399	345	344	361	352	366	337	326	337	332	330	316	316
Window Shades and Fixtures.	57	53	53	57	55	59	57	58	56	58	58	58	55
Males,	50	48	48	51	49	53	51	50	48	50	50	48	48
Females,	7	5	5	6	6	6	6	8	8	8	8	8	7
Wire.	3,364	3,718	3,645	3,579	3,461	3,511	3,300	3,169	3,185	3,147	3,146	2,898	2,687
Males,	3,173	3,627	3,550	3,483	3,365	3,216	3,202	3,071	3,032	3,055	3,056	2,811	2,589
Females,	92	91	93	96	96	95	98	98	91	92	90	85	78
Wirework, Including Wire Rope and Cable.	2,549	2,638	2,668	2,652	2,592	2,491	2,446	2,411	2,453	2,454	2,589	2,504	2,524
Males,	2,068	2,169	2,188	2,133	2,060	1,978	1,984	1,973	1,976	2,008	2,102	2,122	2,045
Females,	488	479	500	519	532	483	492	438	477	476	497	482	479
Wood, Turned and Carved.	1,500	1,480	1,444	1,424	1,339	1,280	1,264	1,281	1,189	1,179	1,257	1,262	1,267
Males,	1,277	1,403	1,421	1,402	1,311	1,288	1,234	1,240	1,166	1,155	1,232	1,241	1,245
Females,	223	23	23	22	21	22	20	21	23	24	25	21	22

		\$70	\$71	\$72	\$73	\$74	\$75	\$76	\$77	\$78	\$79	\$80
Wooden Goods, not elsewhere Specified.												
Males,	.	340	343	330	239	240	240	244	236	230	224	242
Females,	.	30	34	34	34	35	35	35	31	6	32	34
												24
Wool Scouring.												
Males,	.	608	648	651	658	491	449	459	574	684	665	698
Females,	.	577	615	614	627	454	416	431	544	595	635	665
		31	31	37	31	27	33	28	30	29	30	32
Woolen and Worsted Goods.												
Males,	.	49,709	54,576	54,835	53,805	50,291	47,498	45,638	40,417	47,986	50,683	51,101
Females,	.	29,638	32,657	33,422	31,365	29,929	28,133	27,153	24,408	28,775	30,341	30,464
		20,071	22,319	22,113	21,218	20,462	19,360	18,485	16,009	19,151	20,352	20,637
Other Industries.												
Males,	.	25,257	25,741	26,083	26,149	26,076	25,898	25,551	25,333	25,454	25,359	26,155
Females,	.	19,727	19,647	19,576	20,002	19,932	19,794	19,571	19,961	19,453	19,167	19,848
		6,130	6,094	6,152	6,146	6,144	6,102	5,980	5,872	6,971	6,162	6,335
												6,287

TABLE IV. WAGE-EARNERS.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 13, 1913. BY AGE AND SEX.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggregates
	Males	Females	Total	Males	Females	Total	
THE STATE.	339,435	170,111	509,546	24,821	27,993	52,814	622,360
Agricultural implements, . . .	500	—	500	16	—	16	516
Artificial stone, . . .	204	—	204	3	—	3	207
Automobiles, including bodies and parts, . . .	3,387	27	3,414	68	—	68	3,482
Awnings, tents, and sails, . . .	170	86	256	5	2	7	263
Baskets, and rattan and willow-ware, . . .	197	7	204	8	6	14	218
Belting and hose, leather, . . .	1,082	34	1,116	81	9	90	1,206
Belting and hose, woven, . . .	95	61	156	9	11	20	176
Bicycles, motorcycles, and parts, . . .	3,039	—	3,039	70	—	70	3,109
Billiard tables and materials, . . .	24	—	24	—	—	—	24
Blacking, . . .	223	187	410	9	24	33	443
Bookbinding and blank-book making, . . .	1,168	1,053	2,221	126	149	275	2,496
Boot and shoe cut stock and findings, . . .	5,966	2,526	8,492	469	288	757	9,249
Boots and shoes, . . .	51,848	25,952	77,800	3,326	3,348	6,674	84,474
Boots and shoes, rubber, . . .	4,806	3,005	7,811	191	158	349	8,160
Boxes, cigar, . . .	71	61	132	12	27	39	171
Boxes, fancy and paper, . . .	1,413	2,308	3,721	121	599	720	4,441
Boxes, wooden packing, . . .	3,215	287	3,502	136	54	190	3,692
Brass and bronze products, . . .	1,783	38	1,821	17	5	22	1,843
Bread and other bakery products, . . .	1,789	950	5,739	162	341	503	6,242
Brick and tile, . . .	430	—	430	2	—	2	432
Brooms, . . .	101	9	110	15	1	16	126
Brushes, . . .	713	666	1,379	61	141	202	1,581
Butter, . . .	44	—	44	—	—	—	44
Buttons, . . .	309	326	635	64	90	154	789
Canning and preserving, . . .	1,278	419	1,697	32	14	46	1,743
Card cutting and designing, . . .	31	27	58	3	6	9	67
Carpets and rugs, other than rag, . . .	2,749	1,949	4,698	451	438	889	5,587
Carpets, rag, . . .	64	9	73	6	—	6	79
Carriages and sleds, children's, . . .	780	139	919	35	10	45	964
Carriages and wagons and materials, . . .	1,014	1	1,015	16	—	16	1,031
Cars and general shop construction and repairs by steam railroad companies, . . .	6,245	20	6,265	97	—	97	6,362
Chemicals, . . .	1,242	88	1,330	31	26	57	1,387
Cleansing and polishing preparations, . . .	37	9	46	4	2	6	52
Clocks, . . .	219	21	240	10	—	10	250
Cloth, sponging and refinishing, . . .	53	—	53	—	—	—	53
Clothing, men's, . . .	2,915	3,243	6,158	73	193	266	6,424
Clothing, women's, . . .	1,885	4,043	5,428	73	321	394	5,822
Coffee and spice, roasting and grinding, . . .	241	153	394	4	8	12	406
Coffins, burial cases, and undertakers' goods, . . .	299	40	339	17	3	20	359
Combs and hairpins, . . .	1,349	422	1,771	186	164	340	2,111
Confectionery, . . .	1,892	4,356	6,248	179	1,735	1,914	8,162
Cooperage, . . .	734	13	747	75	—	75	822
Copper, tin, and sheet-iron products, . . .	2,106	266	2,372	151	51	202	2,574
Cordage and twine, . . .	2,209	425	2,634	112	98	210	2,844
Cordials and sirups, . . .	28	6	34	1	—	1	35
Corsets, . . .	292	2,097	2,389	40	458	498	2,887
Cotton goods, . . .	57,080	46,999	104,079	6,183	7,175	13,358	117,437

TABLE IV. WAGE-EARNERS — Continued.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 13, 1913. BY AGE AND SEX — Continued.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggregates
	Males	Females	Total	Males	Females	Total	
The State — Con.							
Cotton small wares,	313	404	717	38	99	137	854
Cutlery and tools, not elsewhere specified,	5,842	755	6,597	356	148	504	7,101
Dairymen's, poulterers', and apirists' supplies,	15	2	17	2	—	2	19
Dentists' materials,	30	21	51	9	5	14	65
Dyeing and finishing textiles,	9,426	1,514	11,240	577	445	1,022	12,262
Dyestuffs and extracts,	93	1	94	4	1	5	99
Electrical machinery, apparatus, and supplies,	15,881	3,176	19,057	825	897	1,722	20,779
Electroplating,	214	13	227	20	6	26	253
Emery and other abrasive wheels,	954	35	989	26	4	30	1,019
Enameling and japanning,	70	41	111	7	6	13	124
Engraving and die-sinking,	114	27	141	19	16	35	176
Envelopes,	674	1,109	1,783	73	298	370	2,153
Fancy articles, not elsewhere specified,	279	180	459	21	27	48	507
Felt goods,	775	122	897	25	12	37	934
Firearms,	2,264	41	2,305	119	2	121	2,426
Flavoring extracts,	38	51	89	5	9	14	103
Flour-mill and gristmill products,	157	4	161	—	—	—	161
Food preparations,	270	95	365	12	19	31	396
Foundry and machine-shop products,	34,846	477	35,323	1,280	86	1,366	36,689
Fur goods,	100	92	192	6	8	14	206
Furnishing goods, men's,	63	346	409	7	61	68	477
Furniture,	7,213	671	7,884	370	104	474	8,358
Galvanizing,	14	—	14	—	—	—	14
Gas and electric fixtures,	132	3	135	13	—	13	148
Glass, cutting, staining, and ornamenting,	216	9	225	17	—	17	242
Glue,	464	141	605	5	13	18	623
Gold and silver, leaf and foil,	64	57	121	9	10	19	140
Gold and silver, reducing and refining, not from the ore,	83	18	101	3	—	3	104
Grease and tallow,	665	9	674	1	1	2	676
Hand-knit goods,	4	7	11	—	—	—	11
Hand stamps and stencils and brands,	76	21	97	15	7	22	119
Hardware,	1,334	85	1,419	170	25	195	1,614
Hats and caps, other than felt, straw and wool,	174	85	259	11	13	24	283
Hats, felt,	647	465	1,112	9	24	33	1,145
Hats, straw,	852	1,503	2,355	28	45	73	2,428
Hosiery and knit goods,	2,671	6,758	9,429	342	1,264	1,606	11,035
House-furnishing goods, not elsewhere specified,	462	179	641	58	24	82	723
Instruments, professional and scientific,	464	68	532	10	1	11	543
Iron and steel, steel works and rolling mills,	2,974	70	3,044	7	—	7	3,051
Iron and steel, bolts, nuts, washers and rivets, not made in steel works or rolling mills,	967	320	1,287	32	68	100	1,387
Iron and steel forgings,	524	—	524	15	—	15	539
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	943	278	1,221	47	39	86	1,307
Ivory, shell, and bone work, not including combs and hairpins,	44	8	52	—	2	2	54

TABLE IV. WAGE-EARNERS — Continued.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 13, 1913. BY AGE AND SEX — Continued.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Jewelry,	4,833	2,225	7,058	374	341	715	7,773
Jewelry and instrument cases,	81	139	220	14	20	34	254
Kaolin and ground earthenware,	80	—	80	1	—	1	81
Labels and tags,	14	3	17	3	1	4	21
Lamps and reflectors,	352	35	387	38	3	41	428
Laths,	950	1	951	52	—	52	1,003
Leather goods, not elsewhere speci- fied,	277	346	623	29	39	68	691
Leather, tanned, curried, and fin- ished,	10,532	145	10,677	204	21	225	10,902
Lime,	410	—	410	1	—	1	411
Linen goods,	597	685	1,282	139	261	400	1,682
Liquors, distilled,	77	—	77	1	—	1	78
Liquors, malt,	1,941	7	1,948	—	—	—	1,948
Looking-glass and picture frames,	204	16	220	15	—	15	235
Lumber and timber products,	627	10	637	4	—	4	641
Lumber, planing-mill products,	2,986	4	2,990	64	—	64	3,064
Marble and stone work,	3,378	—	3,378	42	—	42	3,420
Mattresses and spring beds,	470	133	603	39	25	64	667
Millinery and lace goods,	223	1,147	1,370	27	157	184	1,554
Mineral and soda waters,	309	5	314	4	—	4	318
Mirrors,	92	—	92	4	—	4	96
Models and patterns, not including paper patterns,	337	14	351	21	1	22	373
Monuments and tombstones,	1,082	—	1,082	24	—	24	1,086
Mucilage and paste,	74	23	97	5	—	5	102
Musical instruments and materials, not specified,	117	17	134	7	1	8	142
Musical instruments, pianos and organs and materials,	3,658	189	3,847	335	78	413	4,260
Oil, not elsewhere specified,	299	12	311	3	—	3	314
Optical goods,	1,802	642	2,444	116	140	256	2,700
Paints and varnishes,	524	32	556	14	6	20	576
Paper and wood pulp,	9,900	4,004	13,904	271	338	609	14,513
Paper goods, not elsewhere speci- fied,	2,232	1,546	3,778	187	435	622	4,400
Patent medicines and compounds and druggists' preparations,	655	819	1,474	65	154	219	1,693
Photo-engraving,	257	23	280	23	10	33	313
Plumbers' supplies,	609	30	639	33	9	42	681
Pocketbooks,	135	256	391	18	40	58	449
Pottery, terra-cotta, and fire-clay products,	500	40	540	42	2	44	584
Printing and publishing,	4,160	1,901	6,061	417	191	608	6,669
Refrigerators,	148	—	148	3	—	3	151
Regalia and society badges and emblems,	5	26	31	1	—	1	32
Rubber goods, not elsewhere speci- fied,	4,357	667	5,024	243	213	456	5,480
Saddlery and harness,	239	8	247	5	—	5	252
Sausage, not made in slaughtering and meat-packing establish- ments,	425	3	428	3	—	3	431
Scales and balances,	18	1	19	—	—	—	19
Screws, machine,	448	17	465	57	12	69	534
Shipbuilding, wooden, including boat building,	523	—	523	7	—	7	530
Shirts,	465	1,399	1,864	23	130	153	2,017

TABLE IV. WAGE-EARNERS — Concluded.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 13, 1913. BY AGE AND SEX — Concluded.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Shoddy,	410	60	470	3	-	3	473
Show cases,	71	-	71	2	-	2	73
Signs and advertising novelties,	105	48	153	7	6	13	166
Silk and silk goods, including throwsters,	1,180	2,636	3,806	189	588	777	4,583
Silverware and plated ware,	2,327	391	2,718	118	83	201	2,919
Slaughtering and meat packing,	3,318	27	3,345	62	3	65	3,410
Soap,	248	99	447	14	43	57	504
Sporting and athletic goods,	857	281	1,138	76	74	150	1,288
Stationery goods, not elsewhere specified,	606	777	1,383	69	235	304	1,687
Statuary and art goods,	110	-	110	1	-	1	111
Steam fittings and heating appa- ratus,	3,301	99	3,300	91	8	99	3,399
Steam packing,	85	1	86	2	-	2	88
Stereotyping and electrotyping,	240	19	259	20	3	23	283
Stoves and furnaces, not including gas and oil stoves,	1,618	7	1,625	19	-	19	1,644
Structural ironwork,	1,574	-	1,574	18	-	18	1,592
Surgical appliances,	141	69	210	11	15	26	236
Suspenders, garters, and elastic woven goods,	974	1,807	2,781	74	388	462	3,243
Tobacco manufactures,	2,985	1,085	4,070	84	70	154	4,224
Toys and games,	769	261	1,030	66	55	121	1,151
Trunks and valises,	255	64	319	15	20	35	354
Type founding and printing ma- terials,	83	21	104	3	5	8	112
Upholstering materials,	117	5	122	-	1	1	123
Vinegar and cider,	30	-	30	-	-	-	30
Waste,	378	244	622	2	12	14	636
Watch and clock materials,	61	102	163	7	11	18	181
Whips,	734	279	1,013	34	34	68	1,081
Window shades and fixtures,	47	4	51	3	3	6	57
Wire,	2,139	45	2,184	20	5	25	2,209
Wirework, including wire rope and cable,	1,842	383	2,225	170	81	251	2,476
Wood, turned and carved,	1,163	15	1,177	111	1	112	1,289
Wooden goods, not elsewhere speci- fied,	245	30	275	10	5	15	290
Wool scouring,	670	32	702	12	5	17	719
Woolen and worsted goods,	27,170	17,376	44,546	2,289	3,046	5,335	49,881
All other industries,	18,977	5,395	24,372	919	831	1,750	26,122

TABLE V. WAGES.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913.

INDUSTRIES AND SEX.	Total Number of Wage-Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over	
THE STATE.	683,571	1,148	3,891	14,189	29,746	50,053	60,536	67,878	73,541	68,972	45,924	53,125	57,061	57,358	86,788	37,645	57,973	81,181	114,986	15,598	
Adults (18 years of age and over):																					
Males,	446,530	177	475	1,557	3,822	9,833	20,626	31,872	44,240	46,229	31,629	43,773	31,850	33,999	33,877	35,601	36,514	20,521	14,596	15,340	
Females,	189,743	438	1,207	4,763	12,270	25,780	30,258	30,924	26,719	19,618	11,662	9,096	6,062	3,265	2,847	2,015	1,441	660	390	258	
Young persons (under 18 years of age),	57,298	527	2,209	7,869	12,654	14,440	9,642	5,082	2,582	1,125	603	256	129	74	59	29	18	-	-	-	
Agricultural Implements.	601	-	-	5	5	8	6	57	79	101	56	68	49	53	53	29	16	21	4	7	
Adults (18 years of age and over):																					
Males,	585	-	-	5	4	2	6	49	72	101	56	68	49	38	53	29	16	21	4	7	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	16	-	-	-	1	-	-	8	7	-	-	-	-	-	-	-	-	-	-	-	
Artificial Stone.	513	-	-	-	-	8	6	8	8	18	15	44	69	9	49	13	14	16	47	13	
Adults (18 years of age and over):																					
Males,	312	-	-	-	-	2	6	3	8	12	14	44	59	9	49	13	14	16	47	16	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
Automobiles, including Bodies and Parts.																					
Adults (18 years of age and over):	4,357	12	5	11	30	40	77	80	145	162	184	448	475	513	540	580	818	505	801	898	
Adults (18 years of age and over):																					
Males,	4,789	10	5	8	13	18	53	72	126	159	179	430	468	309	538	517	817	502	301	264	
Females,	55	-	-	-	1	1	1	2	15	1	5	10	5	4	2	3	1	3	-	2	
Young persons (under 18 years of age),	93	2	-	3	17	21	23	16	5	2	-	2	2	-	-	-	-	-	-	-	

	660	-	8	9	7	14	28	53	85	80	11	50	17	19	05	81	115	11	5	40
Awnings, Tents, and Sails.																				
Adults (18 years of age and over):																				
Males,	363	-	-	-	1	1	5	6	6	8	8	26	16	9	90	21	115	11	3	37
Females,	191	-	1	-	2	9	17	47	78	18	3	4	1	3	6	-	-	-	-	3
Young persons (under 18 years of age),	12	-	1	3	4	4	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Baskets, and Batten and Willow Ware.																				
Adults (18 years of age and over):																				
Males,	217	-	1	1	1	7	21	21	41	33	21	49	5	4	7	2	3	-	-	-
Females,	11	-	1	1	2	1	1	-	2	1	1	1	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	7	-	-	-	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Belt and Hose, Leather.																				
Adults (18 years of age and over):																				
Males,	1,838	-	1	7	17	56	80	56	183	268	115	157	108	54	98	68	57	14	8	7
Females,	1,104	-	-	2	4	19	34	36	111	289	115	134	100	34	92	68	37	14	8	7
Young persons (under 18 years of age),	36	-	-	1	5	9	7	8	1	4	-	-	1	-	-	-	-	-	-	-
	92	-	1	4	8	28	19	12	11	5	-	3	1	-	-	-	-	-	-	-
Belt and Hose, Woven.																				
Adults (18 years of age and over):																				
Males,	210	-	5	11	7	11	29	21	19	15	7	18	15	16	9	12	14	5	4	5
Females,	113	-	-	-	1	-	4	5	7	7	4	15	12	13	9	11	14	3	4	3
Young persons (under 18 years of age),	71	-	3	1	4	9	13	13	9	6	3	3	3	3	-	1	-	-	-	-
	27	-	2	10	2	2	5	3	3	-	-	-	-	-	-	-	-	-	-	-
Bicycles, Motorcycles, and Parts.																				
Adults (18 years of age and over):																				
Males,	3,479	-	7	15	24	50	58	58	588	508	90	758	472	55	588	858	275	122	33	44
Females,	3,383	-	5	10	7	7	44	30	382	496	30	755	470	49	385	238	274	122	33	44
Young persons (under 18 years of age),	6	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-
	90	-	2	5	17	21	12	6	6	10	-	3	2	4	1	-	1	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earnings	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																	
		\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
		Un- der \$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25
Billiard Tables and Materials.																			
Adults (18 years of age and over):	24	-	-	-	-	-	-	-	-	-	1	3	-	-	6	1	11	2	-
Males,	24	-	-	-	-	-	-	-	-	-	1	3	-	-	6	1	11	2	-
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Blacking.																			
Adults (18 years of age and over):	610	4	19	84	63	62	66	65	32	19	65	9	8	34	13	17	15	3	32
Males,	267	-	-	-	9	12	9	17	19	14	58	9	8	33	13	17	15	3	31
Females,	297	1	18	55	48	44	56	48	13	5	7	-	-	1	-	-	-	-	1
Young persons (under 18 years of age),	46	3	1	29	6	6	1	-	-	-	-	-	-	-	-	-	-	-	-
Bookbinding and Blank-Book Making.																			
Adults (18 years of age and over):	2,747	10	150	186	256	340	268	301	160	123	131	73	83	130	148	155	113	75	55
Males,	1,265	-	9	22	38	62	64	85	64	51	92	54	70	112	145	154	113	75	55
Females,	1,148	4	29	73	136	250	195	212	96	71	39	18	13	8	3	1	-	-	-
Young persons (under 18 years of age),	334	6	112	91	82	28	9	4	-	1	-	1	-	-	-	-	-	-	-

Boot and Shoe Out Stock and Findings.

	10,000	48	116	547	640	909	965	997	908	✓	530	916	574	474	609	431	302	874	116	06
Adults (18 years of age and over):																				
Males,	6,490	13	15	49	107	222	354	416	666	712	438	829	539	456	400	420	297	209	113	96
Females,	2,776	16	55	156	394	557	479	354	310	156	92	84	34	18	19	11	5	6	2	-
Young persons (under 18 years of age),	817	10	46	143	139	220	122	53	32	26	9	2	1	-	-	-	-	-	-	-
Boots and Shoes.																				
Adults (18 years of age and over):	92,649	253	609	1,833	2,439	4,459	6,104	6,476	7,109	7,148	6,681	7,070	6,873	4,995	6,651	6,889	7,411	6,100	3,966	4,864
Males,	56,520	51	82	180	238	386	1,344	1,832	2,307	3,259	2,938	4,146	3,574	3,498	5,403	5,359	6,561	4,742	3,792	4,829
Females,	29,201	83	132	388	856	1,897	2,490	2,996	3,817	3,854	2,638	2,853	1,967	1,477	1,406	1,122	846	358	164	55
Young persons (under 18 years of age),	6,828	99	295	665	1,245	1,676	1,370	595	498	235	105	72	32	20	22	8	4	-	-	-
Boots and Shoes, Rubber.																				
Adults (18 years of age and over):	8,847	-	5	41	84	249	408	434	1,333	1,732	1,006	1,007	468	300	464	604	355	163	96	51
Males,	4,983	-	-	-	3	21	99	127	418	771	660	749	359	240	406	487	340	159	93	51
Females,	3,282	-	-	-	7	115	240	322	788	966	342	258	108	60	48	17	15	4	2	-
Young persons (under 18 years of age),	352	-	5	41	84	113	69	35	26	5	3	-	1	-	-	-	-	-	-	-
Boses, Cigar.																				
Adults (18 years of age and over):	176	-	-	11	11	16	15	26	9	14	5	7	4	1	16	29	7	4	1	-
Males,	73	-	-	-	-	-	1	1	1	10	-	1	1	1	16	29	7	4	1	-
Females,	79	-	-	6	3	10	12	22	8	4	5	6	3	-	-	-	-	-	-	-
Young persons (under 18 years of age),	23	-	-	5	8	6	2	2	2	-	-	-	-	-	-	-	-	-	-	-
Boses, Fancy and Paper.																				
Adults (18 years of age and over):	4,697	16	111	358	437	494	444	486	439	439	353	537	311	158	194	106	97	60	29	34
Males,	1,518	-	1	7	9	20	46	63	96	187	113	243	146	110	163	92	95	60	29	34
Females,	2,404	10	37	107	288	349	355	340	322	245	131	94	64	22	26	12	2	-	-	-
Young persons (under 18 years of age),	745	6	73	238	190	125	53	24	21	4	9	-	1	-	-	1	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage-earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over	
Boxes, Wooden Packing.	4,178	4	23	93	114	130	204	290	522	607	407	734	539	133	205	96	108	71	14	16	
Adults (18 years of age and over):																					
Males,	3,628	-	7	15	29	49	133	235	465	640	384	715	328	125	201	94	108	71	14	16	
Females,	322	2	3	22	43	35	38	48	45	24	20	18	11	8	3	2	-	-	-	-	
Young persons (under 18 years of age),	228	2	13	56	42	46	33	16	12	3	3	1	-	-	1	-	-	-	-	-	
Brass and Bronze Products.	2,290	1	2	6	17	25	27	144	205	138	116	535	286	139	149	147	158	129	35	40	
Adults (18 years of age and over):																					
Males,	2,230	-	2	1	-	12	17	139	198	132	116	532	285	139	148	147	158	129	35	40	
Females,	37	-	-	2	7	8	3	7	7	6	-	-	-	-	1	-	-	-	-	-	
Young persons (under 18 years of age),	32	1	-	3	10	5	7	2	-	-	-	3	1	-	-	-	-	-	-	-	
Bread and Other Bakery Products.	6,942	5	30	70	429	408	338	422	615	693	388	696	908	413	671	471	473	304	119	89	
Adults (18 years of age and over):																					
Males,	5,266	-	2	10	27	65	105	216	470	569	334	659	290	406	665	465	471	304	119	89	
Females,	1,073	1	8	12	192	183	169	157	119	109	49	36	17	7	6	6	2	-	-	-	
Young persons (under 18 years of age),	603	4	20	48	210	160	64	49	26	15	5	1	1	-	-	-	-	-	-	-	
Brick and Tile.	1,658	-	1	-	1	22	31	25	66	229	199	601	169	46	111	23	38	15	5	6	
Adults (18 years of age and over):																					
Males,	1,651	-	-	-	1	16	31	25	66	299	199	601	169	46	111	23	38	15	5	6	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	7	1	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over	
Card Cutting and Designing. Adults (18 years of age and over):	83	-	-	18	8	7	10	5	3	6	1	6	1	4	5	4	4	-	-	1	-
	36	-	-	3	-	3	3	-	1	4	-	4	1	3	5	4	4	-	1	-	
	43	-	-	12	8	3	7	5	2	2	1	2	-	1	-	-	-	-	-	-	
	4	-	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Young persons (under 18 years of age),																				
Carpets and Rugs, other than Bag. Adults (18 years of age and over):	6,318	-	44	324	604	447	721	765	686	895	835	890	189	172	215	215	169	143	124	19	
	2,950	-	4	55	42	75	299	311	214	409	157	224	171	163	186	200	158	143	120	19	
	2,486	-	30	102	211	260	289	413	450	471	117	60	17	8	25	13	11	5	4	-	
	882	-	10	177	351	112	133	41	22	15	11	6	1	1	2	-	-	-	-	-	
	Young persons (under 18 years of age),																				
Carpets, Bag. Adults (18 years of age and over):	101	-	4	1	10	11	7	9	11	9	7	13	7	7	3	1	1	-	-	-	
	79	-	1	1	3	6	4	6	10	9	7	13	7	7	3	1	1	-	-	-	
	15	-	-	-	4	5	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
	7	-	3	-	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
	Young persons (under 18 years of age),																				
Carriages and Sleds, Children's. Adults (18 years of age and over):	1,108	-	6	12	8	11	30	27	60	208	59	277	145	71	83	71	30	9	3	-	
	929	-	-	-	-	4	12	14	44	139	54	247	125	51	76	71	30	9	3	-	
	147	-	6	10	6	3	7	6	14	15	3	30	20	20	7	-	-	-	-	-	
	32	-	-	2	2	4	11	7	2	2	2	-	-	-	-	-	-	-	-	-	
	Young persons (under 18 years of age),																				

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage-Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		\$3		\$4		\$5		\$6		\$7		\$8		\$9		\$10		\$11		\$12	
		under \$3	but \$3	under \$4	but \$4	under \$5	but \$5	under \$6	but \$6	under \$7	but \$7	under \$8	but \$8	under \$9	but \$9	under \$10	but \$10	under \$11	but \$11	under \$12	but \$12
Clocks.	339	-	-	-	-	4	20	15	13	22	18	10	34	21	9	25	48	39	26	23	18
Adults (18 years of age and over):																					
Males,	284	-	-	-	-	1	4	6	4	14	15	8	31	20	8	25	48	39	26	23	12
Females,	36	-	-	-	-	1	5	6	6	8	3	2	3	1	1	-	-	-	-	-	-
Young persons (under 18 years of age),	19	-	-	-	-	2	11	3	3	-	-	-	-	-	-	-	-	-	-	-	-
Cloth, Spanging and Refinishing.	57	-	-	-	-	2	4	5	3	1	5	6	8	2	3	7	5	1	-	2	3
Adults (18 years of age and over):																					
Males,	57	-	-	-	-	2	4	5	3	1	5	6	8	2	3	7	5	1	-	2	3
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	✓	✓	-	-	-	-	-	-	-	-	-
Clothing, Men's.	7,228	12	78	189	358	585	670	697	631	516	384	474	347	379	311	391	391	387	238	250	250
Adults (18 years of age and over):																					
Males,	3,338	-	1	7	11	60	55	71	93	155	151	310	260	318	281	369	388	322	236	250	250
Females,	3,642	3	65	136	287	473	506	611	524	354	233	161	85	52	30	22	3	5	2	-	-
Young persons (under 18 years of age),	248	9	12	46	60	52	19	15	14	7	-	3	2	9	-	-	-	-	-	-	-
Clothing, Women's.	7,099	53	83	298	555	728	763	867	630	614	374	416	173	168	168	255	264	247	164	280	280
Adults (18 years of age and over):																					
Males,	1,641	-	-	3	12	25	39	40	44	63	36	96	41	77	134	153	234	229	151	264	264
Females,	5,079	19	39	177	454	631	700	800	582	550	335	320	132	90	121	62	80	18	13	16	16
Young persons (under 18 years of age),	379	14	44	106	89	76	24	17	4	1	3	-	-	1	-	-	-	-	-	-	-

Coffee and Spice, Roasting and Grinding.	463	-	-	-	28	52	59	48	91	14	18	58	25	41	30	40	37	30	8	7
Adults (18 years of age and over):												✓								
Males,	244	-	-	-	1	1	-	4	5	6	3	31	26	40	30	40	37	20	5	7
Females,	164	-	-	-	15	27	39	40	26	7	8	1	-	1	-	-	-	-	-	-
Young persons (under 18 years of age),	15	-	-	-	7	5	-	1	-	1	1	-	-	-	-	-	-	-	-	-
Coffins, Burial Cases, and Undertakers' Goods.																				
Adults (18 years of age and over):	371	-	2	-	9	20	16	50	59	35	52	52	55	10	57	23	26	16	5	5
Males,	205	-	-	-	2	4	7	20	37	32	28	31	34	10	37	23	26	16	5	3
Females,	45	-	-	-	-	10	6	10	11	3	3	1	1	-	-	-	-	-	-	-
Young persons (under 18 years of age),	21	-	2	-	7	6	3	-	1	1	1	-	-	-	-	-	-	-	-	-
Combs and Hairpins.																				
Adults (18 years of age and over):	8,008	17	25	81	163	297	224	215	296	263	277	180	225	102	111	48	50	22	10	19
Males,	1,766	-	12	16	27	62	106	111	176	232	266	170	234	102	110	43	50	22	10	19
Females,	559	11	6	26	94	146	97	77	50	32	9	10	-	-	1	-	-	-	-	-
Young persons (under 18 years of age),	277	6	5	39	62	89	31	27	11	4	2	-	1	-	-	-	-	-	-	-
Confectionery.																				
Adults (18 years of age and over):	8,986	2	120	1,572	1,708	1,446	1,177	1,050	645	563	140	263	110	22	122	112	127	65	25	67
Males,	2,070	-	-	2	35	84	220	225	317	223	95	207	94	66	103	102	119	64	23	66
Females,	4,709	1	15	520	935	1,037	833	746	300	136	45	45	25	15	25	10	7	1	2	1
Young persons (under 18 years of age),	2,207	1	105	840	729	325	124	39	28	2	-	1	1	1	-	-	1	-	-	-
Cooperage.																				
Adults (18 years of age and over):	371	-	-	1	10	12	42	61	28	129	125	153	62	26	46	24	45	22	6	4
Males,	802	-	-	1	3	6	14	41	83	159	123	132	62	26	46	24	45	22	6	4
Females,	13	-	-	-	3	8	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	56	-	-	-	7	10	20	19	-	-	-	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over	
Copper, Tin, and Sheet-Iron Products.																					
Adults (18 years of age and over):	2,963	-	7	44	143	169	173	309	298	244	188	207	148	92	176	147	188	155	265	85	
Males,	2,481	-	-	9	32	65	108	226	263	212	130	202	148	92	175	147	187	135	265	85	
Females,	296	-	-	3	48	68	43	63	27	29	8	5	-	-	1	-	1	-	-	-	
Young persons (under 18 years of age),	191	-	7	32	63	36	22	20	8	3	-	-	-	-	-	-	-	-	-	-	
Cordage and Twine.																					
Adults (18 years of age and over):	2,903	2	2	90	163	344	176	201	1,321	251	69	64	21	37	97	24	14	11	4	7	
Males,	2,199	1	1	21	29	48	107	135	1,286	238	59	61	20	37	96	24	14	11	4	7	
Females,	466	1	1	24	71	245	33	31	35	12	8	3	1	-	1	-	-	-	-	-	
Young persons (under 18 years of age),	238	-	-	45	68	51	36	35	-	1	2	-	-	-	-	-	-	-	-	-	
Cordials and Sirups.																					
Adults (18 years of age and over):	81	-	-	9	11	6	5	8	6	2	1	9	2	3	6	5	2	-	1	7	
Males,	53	-	-	-	1	3	2	7	6	1	1	8	2	3	6	3	2	-	1	7	
Females,	22	-	-	4	9	3	3	1	-	1	-	1	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	6	-	-	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Corsets.																					
Adults (18 years of age and over):	3,145	26	106	263	388	570	438	411	570	270	123	68	58	21	40	53	48	26	9	32	
Males,	307	-	-	1	7	9	13	13	24	28	13	18	14	9	31	26	41	21	8	31	
Females,	2,840	43	62	143	269	274	386	383	340	236	110	50	23	12	9	7	7	4	1	1	
Young persons (under 18 years of age),	478	52	43	119	110	87	39	15	6	6	-	-	1	-	-	-	-	-	-	-	

	190,001	169	886	3,453	9,940	18,400	19,514	10,808	16,243	18,400	3,787	9,046	4,800	\$,844	\$,030	1,708	908	518	464	553
Cotton Goods.																				
Adults (18 years of age and over):																				
Males,	59,181	36	110	537	1,345	3,667	8,753	8,952	7,137	6,499	5,257	4,470	3,397	2,031	2,314	1,046	960	514	454	553
Females,	48,264	36	211	1,018	2,773	5,779	8,360	9,743	8,545	5,674	3,286	1,543	793	322	114	55	8	4	-	-
Young persons (under 18 years of age),	13,516	87	535	1,948	2,832	3,063	2,401	1,501	671	287	244	33	10	1	2	1	-	-	-	-
Cotton Small Wares.																				
Adults (18 years of age and over):																				
Males,	309	1	1	5	2	17	32	37	38	23	34	38	31	23	33	12	16	12	5	9
Females,	453	5	3	30	35	115	64	73	49	38	15	15	7	3	-	1	-	-	-	-
Young persons (under 18 years of age),	190	-	3	40	25	59	17	10	1	1	-	1	1	1	1	-	-	-	-	-
Cutlery and Tools, not elsewhere Specified.																				
Adults (18 years of age and over):	7,849	-	31	73	188	451	680	567	780	688	435	734	618	356	507	672	565	259	193	188
Males,	6,232	-	3	9	34	64	139	346	560	537	459	708	611	356	592	670	564	259	193	188
Females,	1,051	-	-	7	88	241	300	154	133	77	22	10	5	-	4	1	-	-	-	-
Young persons (under 18 years of age),	516	-	28	57	76	146	91	67	27	8	4	7	2	-	1	1	1	-	-	-
Dairymen's, Poultrymen's and Apiarists' Supplies.																				
Adults (18 years of age and over):	26	-	1	-	-	1	2	4	2	2	2	1	2	1	-	1	-	-	-	-
Males,	17	-	-	-	-	-	-	1	1	2	2	1	8	1	-	1	-	-	-	-
Females,	4	-	-	-	-	-	-	3	-	1	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	5	-	1	-	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Dentists' Materials.																				
Adults (18 years of age and over):	63	-	-	9	7	1	5	1	-	12	1	9	1	2	4	2	4	3	1	6
Males,	34	-	-	-	1	-	2	-	-	5	1	3	1	1	4	2	4	3	1	6
Females,	23	-	-	2	4	1	1	1	-	7	-	6	-	1	-	-	-	-	-	-
Young persons (under 18 years of age),	11	-	-	7	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over	
			\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over	
Dyeing and Finishing Textiles.	12,839	-	31	162	422	1,088	1,505	3,043	2,485	1,114	493	515	393	227	286	279	195	147	75	321	
Adults (18 years of age and over):		-																			
Males,	9,855	-	4	9	49	167	803	2,735	2,251	1,010	427	493	386	225	281	278	194	147	75	321	
Females,	2,015	-	9	48	221	595	513	219	211	98	64	21	7	2	5	1	1	-	-	-	
Young persons (under 18 years of age),	969	-	18	105	212	324	189	89	23	6	2	1	-	-	-	-	-	-	-	-	
Dyestuffs and Extracts.	130	-	-	1	9	1	1	4	13	15	5	37	6	6	14	9	2	4	1	2	
Adults (18 years of age and over):		-	-	-	-	-	1	3	13	15	5	37	6	6	14	9	2	4	1	2	
Males,	118	-	-	-	-	-	1	3	13	15	5	37	6	6	14	9	2	4	1	2	
Females,	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	5	-	-	1	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Electrical Machinery, Apparatus and Supplies.	24,451	10	50	261	1,077	1,024	1,292	2,108	2,473	1,594	1,560	1,477	1,564	1,283	1,609	3,032	2,065	871	670	431	
Adults (18 years of age and over):		-																			
Males,	18,446	-	4	4	59	136	320	906	1,739	1,240	1,276	1,365	1,527	1,282	1,579	3,014	2,053	871	670	431	
Females,	3,605	7	7	38	429	374	491	957	599	300	247	93	23	17	14	6	3	-	-	-	
Young persons (under 18 years of age),	2,400	3	39	219	589	514	481	245	135	54	37	19	14	14	16	12	9	-	-	-	
Electroplating.	301	1	3	7	9	17	15	17	22	11	8	25	13	13	30	24	57	15	6	8	
Adults (18 years of age and over):		-																			
Males,	257	-	-	1	6	8	10	9	17	11	8	22	12	13	30	24	57	15	6	8	
Females,	21	-	-	1	-	3	3	7	3	-	-	3	1	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	23	1	3	5	3	6	2	1	2	-	-	-	-	-	-	-	-	-	-	-	

Emery and Other Abrasive Wheels.

Adults (18 years of age and over):

Males,
--------	---	---	---	---

Females,

Young persons (under 18 years of age),

• Jugurthedes und Jugurthung

Adults (18 years of age and over):

Males,

Females,

Young persons (under 18 years of age).

Engraving and Diecasting.

Adults (18 years of age and over):

Males,

Females,

Young persons (under 18 years of age),

Envelopes.

Adults (18 years of age and over):

Males,

Females,

Young persons (under 18 years of age),

Fancy Articles, not elsewhere Specified.

Adults (18 years of age and over):

Males,	100
------------------	-----

Females,

Young persons (under 18 years of age),

[illegible]

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earning Persons	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		Un- der \$3	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over	
		Un- der \$3	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over	
Felt Goods.	1,017	-	11	28	88	91	79	145	230	111	48	40	30	46	14	30	10	8	18	-
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	726	-	-	3	12	46	60	119	205	97	30	28	27	32	14	27	7	7	12	-
Females,	224	-	7	18	63	36	4	15	20	12	15	10	3	14	-	3	3	1	-	-
Young persons (under 18 years of age),	67	-	4	7	13	9	15	9	5	2	1	2	-	-	-	-	-	-	-	-
Firearms.	2,540	-	58	28	47	98	119	174	188	894	289	214	112	168	330	270	109	69	63	-
Adults (18 years of age and over):		-	-	-	7	41	36	149	178	284	225	210	112	161	330	269	109	69	53	-
Males,	2,233	-	-	-	-	7	8	14	6	3	1	1	-	-	-	1	-	-	-	-
Females,	41	-	-	-	-	7	8	14	6	3	1	1	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	266	12	32	28	40	50	75	11	4	7	3	3	-	1	-	-	-	-	-	-
Flavoring Extracts.	116	-	5	19	7	13	13	7	14	8	8	5	5	4	6	8	8	-	8	-
Adults (18 years of age and over):		-	-	2	2	1	4	3	8	2	6	2	3	-	4	2	3	-	2	-
Males,	44	-	-	2	2	1	4	3	8	2	6	2	3	-	4	2	3	-	2	-
Females,	65	-	-	16	4	12	9	4	6	1	2	3	2	4	2	-	-	-	-	-
Young persons (under 18 years of age),	7	-	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flour-Mill and Gristmill Products.	151	-	-	-	-	1	1	4	15	11	63	15	16	17	18	5	3	-	-	-
Adults (18 years of age and over):		-	-	-	-	1	1	2	15	11	52	13	16	16	12	5	3	-	-	-
Males,	147	-	-	-	-	1	1	2	15	11	52	13	16	16	12	5	3	-	-	-
Females,	4	-	-	-	-	-	-	2	-	-	1	-	-	1	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

V

Food Preparations.

Adults (18 years of age and over):	548	-	-	103	310	605	804	940	2,187	3,278	3,817	3,079	4,065	3,688	1,964	5,408	4,490	4,585	2,859	1,540	1,080
Males,	374	-	-	40	74	229	441	592	1,902	3,834	3,766	3,038	4,011	3,574	1,945	3,393	4,458	4,581	2,230	1,340	1,018
Females,	138	-	-	9	16	59	103	92	101	52	54	24	32	16	17	9	2	4	-	-	2
Young persons (under 18 years of age),	30	-	-	54	220	317	360	256	184	92	27	17	12	3	2	-	-	-	-	-	-

Adults (18 years of age and over):	217	-	-	-	2	4	12	2	12	5	14	12	16	8	21	21	14	9	16	9	57
Males,	110	-	-	-	-	-	3	-	-	-	6	-	5	5	7	8	12	7	12	8	36
Females,	87	-	-	-	-	-	2	-	13	3	8	12	11	3	14	13	1	3	3	1	1
Young persons (under 18 years of age),	20	-	-	-	3	4	7	3	8	-	-	-	-	-	-	-	-	-	-	-	-

Adults (18 years of age and over):	586	5	8	31	53	70	96	66	76	46	54	20	22	14	16	18	8	17	5	6	2
Males,	99	-	-	3	5	3	6	2	2	5	10	5	11	4	4	11	5	12	5	6	2
Females,	356	4	4	8	22	54	55	55	73	41	24	15	21	10	11	7	3	5	-	-	-
Young persons (under 18 years of age),	71	1	4	20	26	13	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-

Adults (18 years of age and over):	9,078	23	85	177	287	316	448	629	1,059	1,056	877	887	876	887	587	555	434	435	308	212	115
Males,	7,841	1	38	83	111	130	250	432	868	996	819	872	872	885	385	551	484	485	308	212	115
Females,	774	1	16	27	76	77	140	156	143	58	55	15	4	2	4	4	-	-	-	-	-
Young persons (under 18 years of age),	463	21	31	67	110	109	58	34	18	12	3	-	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earning	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over	
Galvanizing.	14	-	-	-	-	-	-	1	-	-	-	3	1	-	1	1	2	2	2	1	
Adults (18 years of age and over):																					
Males,	14	-	-	-	-	-	-	1	-	-	-	3	1	-	1	1	2	2	2	1	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gas and Electric Fixtures.	160	-	1	1	7	4	10	6	5	5	1	11	2	4	10	11	35	21	12	4	
Adults (18 years of age and over):																					
Males,	134	-	-	-	2	1	4	6	5	5	1	11	2	4	10	11	35	21	12	4	
Females,	3	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	13	-	1	1	5	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Glass Cutting, Staining, and Ornamenting.	262	-	-	3	10	22	9	11	14	9	32	18	7	42	9	37	13	7	8	8	
Adults (18 years of age and over):																					
Males,	243	-	-	2	6	15	8	9	13	9	32	18	7	42	9	37	13	7	8	8	
Females,	9	-	-	-	4	1	1	2	1	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	10	-	-	1	4	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Glue.	622	-	-	6	70	53	28	42	168	111	17	53	12	13	28	22	10	8	-	1	
Adults (18 years of age and over):																					
Males,	469	-	-	-	-	2	5	21	167	111	17	53	12	13	27	22	10	8	-	1	
Females,	139	-	-	6	64	25	23	19	1	-	-	-	-	-	1	-	-	-	-	-	
Young persons (under 18 years of age),	14	-	-	-	6	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-	

118	1	4	8	10	22	21	16	6	8	1	6	5	5
Gold and Silver, Leaf and Foll.													
Adults (18 years of age and over):													
Males,	-	-	-	-	2	2	5	2	4	-	5	3	3
Females,	1	3	-	7	14	18	10	4	4	1	1	-	-
Young persons (under 18 years of age),	17	1	2	3	6	4	1	-	-	-	-	-	-
Gold and Silver, Reducing and Refining, not from the Ore.													
Adults (18 years of age and over):	-	-	-	-	-	-	18	1	2	2	0	18	3
Males,	-	-	-	-	-	-	-	1	2	2	6	12	3
Females,	-	-	-	-	-	-	18	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-
Grease and Tallow.													
Adults (18 years of age and over):	759	1	2	6	8	6	9	78	87	77	168	75	47
Males,	-	-	-	-	-	-	-	-	-	-	-	-	-
Females,	19	1	1	3	1	4	3	1	1	-	2	1	-
Young persons (under 18 years of age),	3	-	1	-	1	1	1	-	-	-	-	-	-
Hand-Knit Goods.													
Adults (18 years of age and over):	16	-	1	-	6	1	2	3	1	-	-	-	-
Males,	4	-	-	-	-	-	1	2	1	-	-	-	-
Females,	10	-	-	-	6	1	1	1	1	-	-	-	-
Young persons (under 18 years of age),	1	-	1	-	-	-	-	-	-	-	-	-	-
Hand Stamps and Stencils and Brands.													
Adults (18 years of age and over):	186	-	-	6	17	13	6	7	5	6	12	-	2
Males,	85	-	-	1	2	6	2	3	4	5	10	-	2
Females,	19	-	-	-	6	2	4	3	2	-	2	-	-
Young persons (under 18 years of age),	22	-	-	5	9	5	2	-	1	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		\$3 but under	\$4 but under	\$5 but under	\$6 but under	\$7 but under	\$8 but under	\$9 but under	\$10 but under	\$11 but under	\$12 but under	\$13 but under	\$14 but under	\$15 but under	\$16 but under	\$18 but under	\$20 but under	\$22 but under	\$25 but under	\$25 and Over	
		Un- der \$3	Un- der \$4	Un- der \$5	Un- der \$6	Un- der \$7	Un- der \$8	Un- der \$9	Un- der \$10	Un- der \$11	Un- der \$12	Un- der \$13	Un- der \$14	Un- der \$15	Un- der \$16	Un- der \$18	Un- der \$20	Un- der \$22	Un- der \$25	Un- der \$25	
Hardware.	1,953	-	5	38	97	140	86	168	191	215	105	159	114	56	119	164	175	72	24	25	
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Males,	1,620	-	-	4	21	43	45	134	169	200	98	158	113	56	119	164	175	72	24	25	
Females,	114	-	1	2	4	21	22	26	19	11	6	1	1	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	219	-	4	32	72	76	19	8	3	4	1	-	-	-	-	-	-	-	-	-	
Hats and Caps, other than Felt, Straw, and Wool.	346	-	-	9	12	32	27	40	20	23	6	21	11	20	27	29	29	14	17	9	
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Males,	210	-	-	2	1	5	6	11	4	11	4	14	8	19	27	29	29	14	17	9	
Females,	117	-	-	4	8	24	20	25	13	10	2	7	3	1	-	-	-	-	-	-	
Young persons (under 18 years of age),	19	-	-	3	3	3	1	4	3	2	-	-	-	-	-	-	-	-	-	-	
Hats, Felt.	1,764	4	12	40	82	101	136	207	208	183	102	166	98	83	103	73	78	39	29	30	
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Males,	1,006	-	1	5	14	32	44	77	101	117	53	125	77	62	80	64	66	35	25	28	
Females,	707	-	1	22	52	67	91	130	104	65	48	31	21	21	23	9	12	4	4	2	
Young persons (under 18 years of age),	51	4	10	13	16	2	1	-	3	1	1	-	-	-	-	-	-	-	-	-	
Hats, Straw.	5,051	10	10	37	118	139	224	341	544	654	404	497	279	231	356	277	325	167	184	254	
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Males,	1,644	2	-	3	-	9	12	30	133	298	124	228	118	79	179	87	114	55	49	124	
Females,	3,316	7	10	33	98	110	181	304	405	351	280	269	161	152	177	190	211	112	135	130	
Young persons (under 18 years of age),	91	1	-	1	20	20	31	7	6	5	-	-	-	-	-	-	-	-	-	-	

Hosiery and Knit Goods.	19,000	47	305	607	1,120	1,304	1,366	1,544	1,654	1,160	711	496	800	177	168	110	138	74	65	116
Adults (18 years of age and over):																				
Males,	2,950	8	5	14	73	178	351	378	386	387	311	239	197	129	128	103	124	74	83	114
Females,	7,102	18	174	351	638	889	1,251	1,128	1,093	838	378	236	78	47	27	16	8	-	1	1
Young persons (under 18 years of age),	1,867	21	174	332	420	327	364	139	85	55	22	21	5	1	1	-	-	-	-	-
House-Furnishing Goods, not elsewhere Specified.	929	3	4	11	147	70	124	81	145	95	80	60	59	10	30	28	35	4	5	9
Adults (18 years of age and over):																				
Males,	608	-	-	1	41	15	59	56	118	85	15	64	51	10	30	22	23	4	5	9
Females,	221	-	-	4	56	43	54	24	14	9	5	5	8	-	-	-	-	-	-	-
Young persons (under 18 years of age),	100	3	4	6	50	13	11	1	11	1	-	-	-	-	-	-	-	-	-	-
Instruments, Professional and Scientific.	723	11	17	21	44	45	35	53	40	80	44	14	24	75	56	53	103	41	44	24
Adults (18 years of age and over):																				
Males,	527	8	6	8	23	19	20	25	24	11	33	12	20	60	30	33	97	33	44	21
Females,	175	2	5	10	15	22	15	8	15	8	11	2	4	15	6	20	6	8	-	3
Young persons (under 18 years of age),	20	1	6	3	6	2	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Iron and Steel, Steel Works, and Rolling Mills.	3,708	-	1	5	5	34	50	108	181	535	317	358	303	253	285	509	385	163	110	108
Adults (18 years of age and over):																				
Males,	3,549	-	1	3	2	7	22	146	102	515	302	339	295	251	294	508	383	163	110	106
Females,	151	-	-	2	3	27	27	14	19	19	15	13	8	2	1	1	-	-	-	-
Young persons (under 18 years of age),	8	-	-	-	-	-	1	6	-	1	-	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.

CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earning	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	
		Under \$3	Under \$4	Under \$5	Under \$6	Under \$7	Under \$8	Under \$9	Under \$10	Under \$11	Under \$12	Under \$13	Under \$14	Under \$15	Under \$16	Under \$17	Under \$18	Under \$19	Under \$20	Under \$21	
Iron and Steel, Bolts, Nuts, Washers, and Rivets, not made in Steel Works, or Rolling Mills.	1,598	4	7	6	68	69	288	45	44	58	88	117	149	45	88	117	80	107	107	38	
Adults (18 years of age and over):																					
Males,	984	2	3	2	18	3	7	23	39	35	86	117	149	45	86	118	80	107	107	36	
Females,	317	-	2	-	18	36	240	16	1	2	-	-	-	-	-	2	-	-	-	-	
Young persons (under 18 years of age),	97	2	2	3	22	20	39	4	4	1	-	-	-	-	-	-	-	-	-	-	
Iron and Steel Forgings.	716	-	-	-	-	8	16	1	75	68	47	63	85	46	47	65	79	47	30	68	
Adults (18 years of age and over):																					
Males,	693	-	-	-	-	1	3	-	70	58	47	63	85	46	47	55	70	47	30	62	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	23	-	-	-	-	7	12	1	3	-	-	-	-	-	-	-	-	-	-	-	
Iron and Steel, Nails and Spikes, Cut and Wrought, Including Wire Nails, not made in Steel Works or Rolling Mills.	1,357	1	-	88	67	157	88	161	200	94	85	154	65	15	57	59	44	45	57	79	
Adults (18 years of age and over):																					
Males,	989	-	1	4	16	35	124	165	85	83	132	55	13	37	39	39	44	43	37	76	
Females,	287	1	27	40	90	42	34	34	7	2	1	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	81	-	-	23	42	9	3	1	1	2	-	1	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over		
		Un- der \$3																			
Lamps and Reflectors.																					
Adults (18 years of age and over):	497	-	8	24	27	34	13	60	40	6	40	44	53	58	54	70	80	8	9		
Males,	426	-	1	3	6	21	12	48	37	5	40	43	33	37	33	70	20	8	9		
Females,	26	-	-	-	12	8	1	1	2	-	-	-	-	1	1	-	-	-	-		
Young persons (under 18 years of age),	45	-	7	21	9	5	-	1	1	-	-	1	-	-	-	-	-	-	-		
Lasts.																					
Adults (18 years of age and over):	1,189	-	7	12	11	18	18	66	70	37	91	77	96	141	133	117	118	69	181		
Males,	1,068	-	-	3	1	5	10	45	61	37	91	77	35	140	138	117	118	69	121		
Females,	5	-	-	-	2	1	-	-	2	-	-	-	-	-	-	-	-	-	-		
Young persons (under 18 years of age),	56	-	7	9	8	12	2	10	7	-	-	-	-	1	-	-	-	-	-		
Leather Goods, not elsewhere Specified.																					
Adults (18 years of age and over):	741	-	66	79	108	77	89	51	43	27	86	14	29	26	41	56	18	4	9		
Males,	311	-	1	10	14	13	24	30	29	18	25	13	22	24	27	33	15	4	9		
Females,	362	-	27	50	76	60	65	21	14	8	11	1	7	2	14	8	3	-	-		
Young persons (under 18 years of age),	68	-	1	27	19	16	4	-	-	1	-	-	-	-	-	-	-	-	-		

	18 000	0	10	20	30	400	800	1,240	2,339	✓ 1,038	1,268	408	689	880	603	699	848	184	281
Leather, Tanned, Curried, and Finished.																			
Adults (18 years of age and over):																			
Males,	11,618	4	4	6	49	117	411	785	1,816	2,327	✓ 1,028	1,264	408	599	820	603	599	348	281
Females,	171	-	1	5	18	37	31	67	12	5	4	1	-	-	-	-	-	-	-
Young persons (under 18 years of age),	247	2	5	9	21	72	53	57	17	7	1	3	-	-	-	-	-	-	-
Lime.																			
Adults (18 years of age and over):																			
Males,	489	-	-	-	-	1	-	2	69	78	124	88	80	74	16	1	7	6	2
Females,	489	-	-	-	-	1	-	2	69	72	124	93	80	74	16	1	7	6	2
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Linon Goods.																			
Adults (18 years of age and over):																			
Males,	1,919	-	-	51	168	577	548	285	180	141	66	76	76	89	17	89	8	13	18
Females,	649	-	-	-	3	25	36	55	78	101	57	68	74	38	17	29	8	13	18
Young persons (under 18 years of age),	826	-	-	3	96	183	197	192	103	33	9	8	1	1	-	-	-	-	-
Young persons (under 18 years of age),	444	-	-	48	64	169	109	38	9	7	-	-	-	-	-	-	-	-	-
Liquors, Distilled.																			
Adults (18 years of age and over):																			
Males,	84	-	-	-	-	-	-	-	5	5	1	12	11	1	13	9	16	8	4
Females,	83	-	-	-	-	-	-	-	2	5	1	12	11	1	13	9	16	8	4
Young persons (under 18 years of age),	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Liquors, Malt.																			
Adults (18 years of age and over):																			
Males,	2,069	-	-	-	-	8	3	6	1	6	5	45	21	83	317	276	707	354	39
Females,	2,051	-	-	-	-	6	3	-	1	6	5	45	21	83	317	276	707	354	39
Young persons (under 18 years of age),	8	-	-	-	-	2	-	6	-	-	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earning Persons	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25	and Over
			but under \$3	but under \$4	but under \$5	but under \$6	but under \$7	but under \$8	but under \$9	but under \$10	but under \$11	but under \$12	but under \$13	but under \$14	but under \$15	but under \$16	but under \$18	but under \$20	but under \$22	but under \$25	
Looking-Glass and Picture Frames.																					
Adults (18 years of age and over):	245	-	1	1	5	20	8	13	15	13	11	21	12	4	32	26	35	11	4	13	
Males,	217	-	-	-	1	13	6	11	11	13	11	21	12	4	28	25	33	11	4	13	
Females,	17	-	-	-	1	3	2	4	-	-	-	-	-	-	4	1	2	-	-	-	
Young persons (under 18 years of age),	11	-	1	1	3	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lumber and Timber Products.																					
Adults (18 years of age and over):	790	-	-	-	-	5	2	64	190	133	61	151	43	9	46	28	37	12	7	12	
Males,	778	-	-	-	-	3	1	59	187	133	61	150	43	9	46	28	37	12	7	12	
Females,	8	-	-	-	-	1	1	2	3	-	-	1	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	4	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lumber, Planing-Mill Products.																					
Adults (18 years of age and over):	3,763	1	-	4	17	63	74	71	221	363	156	363	237	141	344	313	496	400	287	124	
Males,	3,683	-	-	1	8	41	59	60	213	351	151	363	237	141	344	313	496	400	287	124	
Females,	5	-	-	-	-	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	63	1	-	3	9	24	14	2	7	2	1	-	-	-	-	-	-	-	-	-	
Marble and Stone Work.																					
Adults (18 years of age and over):	4,557	2	3	16	21	25	22	48	144	289	289	848	311	438	262	219	1,069	874	232	107	
Males,	4,483	-	-	7	12	11	10	40	137	274	224	842	311	432	262	219	1,099	274	232	107	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	74	2	3	8	9	14	12	8	7	6	5	-	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage-Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over	
Paper Goods, not elsewhere Specified.	4,640	44	18	100	468	509	413	353	437	457	235	304	233	124	205	138	218	89	54	71	
Adults (18 years of age and over):																					
Males,	2,312	-	-	1	6	19	37	93	232	340	159	315	204	102	198	177	210	99	50	70	
Females,	1,665	13	6	25	233	334	294	231	183	110	74	78	33	21	7	20	8	-	4	1	
Young persons (under 18 years of age),	663	31	12	74	229	156	82	44	22	7	2	1	1	1	-	1	-	-	-	-	
Patent Medicines and Compounds and Druggists' Preparations.	1,776	-	48	91	171	263	225	175	123	107	67	114	65	48	69	43	63	44	21	37	
Adults (18 years of age and over):																					
Males,	679	-	-	1	5	34	36	44	58	57	44	88	43	39	54	35	50	40	18	33	
Females,	878	-	25	48	107	197	171	118	58	47	23	26	12	9	15	8	3	4	3	4	
Young persons (under 18 years of age),	219	-	17	42	59	51	28	13	6	3	-	-	-	-	-	-	-	-	-	-	
Photo-Engraving.	329	-	4	23	19	13	9	11	4	16	8	15	5	14	17	8	24	21	23	26	
Adults (18 years of age and over):																					
Males,	277	-	1	6	8	6	7	8	4	15	2	13	2	12	15	7	24	24	37	26	
Females,	23	-	-	2	2	4	2	3	-	1	-	2	1	2	2	1	-	-	1	-	
Young persons (under 18 years of age),	29	-	3	15	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earning Persons	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over
Regalia and Society Badges and Emblems.	36	-	-	-	1	6	8	3	3	5	3	-	1	-	1	1	2	-	-	-
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Females,	27	-	-	-	1	6	8	3	2	5	1	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Rubber Goods, not elsewhere Specified.	6,186	8	15	68	165	865	865	535	807	508	663	765	545	216	249	363	267	240	218	118
Adults (18 years of age and over):		-	1	6	20	60	111	228	630	835	470	718	323	212	246	349	265	238	215	118
Males,	5,047	-	1	6	20	60	111	228	630	835	470	718	323	212	246	349	265	238	215	118
Females,	767	-	11	21	79	117	99	53	141	72	87	45	19	3	3	14	-	2	1	-
Young persons (under 18 years of age),	372	2	3	41	66	78	55	54	36	24	6	2	3	1	-	-	1	-	-	-
Saddlery and Harness.	298	-	-	2	1	5	4	3	15	29	14	56	55	20	25	46	21	11	7	-
Adults (18 years of age and over):		-	-	-	1	3	2	1	11	26	12	56	33	20	25	46	21	11	7	-
Males,	275	-	-	-	1	3	2	1	11	26	12	56	33	20	25	46	21	11	7	-
Females,	9	-	-	-	-	-	1	1	3	2	2	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	8	-	2	-	-	2	1	1	1	1	-	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES; BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage-Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		\$3 under	\$3 but under	\$4 but under	\$4 but under	\$5 but under	\$5 but under	\$6 but under	\$6 but under	\$7 but under	\$7 but under	\$8 but under	\$8 but under	\$9 but under	\$9 but under	\$10 but under	\$10 but under	\$11 but under	\$11 but under	\$12 but under	\$12 but under
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25	\$25 and Over	\$30
Shirts.	3,086	8	62	80	100	315	248	255	247	185	68	46	39	41	66	50	47	31	80		
Adults (18 years of age and over):																					
Males,	475	-	6	2	9	17	19	15	18	23	11	43	31	33	65	48	47	31	20		
Females,	1,475	8	34	53	123	201	212	231	225	159	116	23	15	4	3	1	2	-	-		
Young persons (under 18 years of age),	145	-	23	20	28	37	17	9	4	3	2	-	2	-	-	-	-	-	-		
Shoddy.	539	-	-	-	1	40	23	116	209	89	19	13	4	16	12	8	6	15	4		
Adults (18 years of age and over):																					
Males,	517	-	-	-	-	1	19	106	201	87	18	4	15	12	8	6	15	4	4		
Females,	70	-	-	-	1	39	9	8	8	2	1	-	1	-	-	-	-	-	-		
Young persons (under 18 years of age),	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-		
Show-Cases.	96	-	-	-	1	5	5	5	5	1	-	3	6	10	10	18	17	6	4		
Adults (18 years of age and over):																					
Males,	96	-	-	-	1	4	5	3	3	1	-	3	6	10	10	18	17	6	4		
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Young persons (under 18 years of age),	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Signs and Advertising Novelties.	197	-	4	2	13	10	8	15	16	10	1	13	10	5	20	8	21	13	14	6	
Adults (18 years of age and over):																					
Males,	125	-	-	-	-	1	2	3	3	5	-	16	10	3	20	8	21	13	14	6	
Females,	56	-	2	8	8	6	11	13	5	1	2	-	-	-	-	-	-	-	-		
Young persons (under 18 years of age),	16	-	4	-	10	1	-	1	-	-	-	-	-	-	-	-	-	-	-		

															13	84
Silk and Silk Goods, Including Throwsters.																
Adults (18 years of age and over):																
Males,	1,304	8	7	24	37	42	81	145	186	132	108	145	97	84	41	24
Females,	2,728	38	9	41	166	194	368	385	316	346	362	199	73	9	2	-
Young persons (under 18 years of age),	793	1	16	84	168	190	239	97	24	2	-	2	-	-	-	-
Silverware and Plated Ware.																
Adults (18 years of age and over):																
Males,	2,303	2	1	19	10	23	47	61	137	78	168	165	145	234	311	170
Females,	432	1	1	4	10	61	67	96	85	44	13	19	12	6	4	-
Young persons (under 18 years of age),	218	1	23	29	23	54	10	42	7	4	-	1	2	1	-	-
Slaughtering and Meat Packing.																
Adults (18 years of age and over):																
Males,	3,383	-	-	-	8	27	63	84	437	801	555	868	154	164	168	100
Females,	21	-	-	9	8	1	1	2	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	72	-	-	4	11	24	20	8	3	2	-	-	-	-	-	-
Soap.																
Adults (18 years of age and over):																
Males,	364	-	4	4	7	8	15	42	52	36	61	32	19	28	15	9
Females,	115	-	3	24	20	13	7	4	2	-	1	-	-	1	-	-
Young persons (under 18 years of age),	47	-	2	18	13	7	5	-	1	-	-	-	-	-	-	-
Sporting and Athletic Goods.																
Adults (18 years of age and over):																
Males,	964	-	-	2	5	12	18	54	124	132	154	93	80	83	74	24
Females,	335	-	8	26	67	63	60	31	35	17	12	3	4	7	1	-
Young persons (under 18 years of age),	98	-	6	29	37	6	9	6	3	2	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over	
Stationery Goods, not elsewhere Specified.																					
Adults (18 years of age and over):	1,789	4	10	51	236	223	188	159	192	125	88	102	85	48	63	66	54	42	19	34	
Males,	635	-	1	1	10	22	21	24	68	50	42	42	65	33	53	57	52	41	19	34	
Females,	828	-	5	16	107	124	129	111	113	68	45	58	17	15	10	7	2	1	-	-	
Young persons (under 18 years of age),	326	4	4	34	119	77	38	24	11	7	1	2	3	-	-	2	-	-	-	-	
Statuary and Art Goods.																					
Adults (18 years of age and over):	154	-	-	-	3	1	2	3	4	17	7	36	2	5	10	3	11	15	23	12	
Males,	153	-	-	-	3	-	2	3	4	17	7	36	2	5	10	3	11	15	23	12	
Females,	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Steam Fittings and Heating Apparatus.																					
Adults (18 years of age and over):	3,959	-	-	7	87	170	183	442	579	470	124	300	181	67	262	221	472	158	122	114	
Males,	3,759	-	-	1	22	108	140	434	569	468	121	299	181	67	262	221	472	158	122	114	
Females,	114	-	-	-	54	24	20	5	6	2	3	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	86	-	-	6	11	38	23	3	4	-	-	1	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earnings	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25	\$35	
		Un- der \$3	but \$3 \$4	under \$4 \$5	but \$4 \$5	under \$5 \$6	but \$5 \$6	under \$6 \$7	but \$6 \$7	under \$7 \$8	but \$7 \$8	under \$8 \$9	but \$8 \$9	under \$9 \$10	but \$9 \$10	under \$10 \$11	but \$10 \$11	under \$11 \$12	but \$11 \$12	under \$12 \$13	but \$12 \$13
Suspenders, Garters, and Elastic Woven Goods.	5,478	24	86	171	285	334	354	398	381	350	241	170	96	132	87	108	121	69	48	55	
Adults (18 years of age and over):																					
Males,	1,003	-	3	4	20	33	50	60	74	68	72	77	47	90	62	95	110	57	47	30	
Females,	1,989	-	21	47	180	208	269	306	302	279	169	92	49	42	25	13	11	2	1	3	
Young persons (under 18 years of age),	431	24	62	120	115	93	35	23	5	3	-	1	-	-	-	-	-	-	-	-	
Tobacco Manufactures.	4,633	49	44	85	148	179	367	361	308	161	98	170	108	174	231	413	440	400	609	610	
Adults (18 years of age and over):																					
Males,	3,225	7	18	17	34	27	26	33	62	106	63	137	102	162	205	371	397	377	488	603	
Females,	1,264	38	13	43	84	143	205	218	140	55	33	33	6	12	16	41	43	23	21	7	
Young persons (under 18 years of age),	139	4	13	25	28	9	46	10	4	-	-	-	-	-	-	-	-	-	-	-	
Toys and Games.	1,654	5	30	108	160	164	153	141	163	189	183	157	70	41	40	59	86	33	16	18	
Adults (18 years of age and over):																					
Males,	905	-	-	2	15	46	47	61	135	147	87	117	65	37	37	35	24	22	16	12	
Females,	496	1	4	32	78	72	70	71	55	42	36	20	5	4	3	1	2	-	-	-	
Young persons (under 18 years of age),	233	2	26	74	67	36	16	9	3	-	-	-	-	-	-	-	-	-	-	-	
Trunks and Valises.	672	4	9	28	33	60	31	45	46	46	13	63	34	18	61	29	57	11	7	10	
Adults (18 years of age and over):																					
Males,	371	-	-	10	8	17	12	14	22	26	12	52	32	16	58	28	36	11	7	10	
Females,	125	2	1	8	9	15	14	19	21	19	1	8	1	2	3	1	1	-	-	-	
Young persons (under 18 years of age),	76	2	8	10	16	18	5	10	3	1	-	2	1	-	-	-	-	-	-	-	

TABLE V. WAGES — Concluded.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1913 — Concluded.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earnings	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		\$3 under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	18	20	22	25
Whips.	1,142	1	-	21	49	88	108	94	103	226	83	113	77	17	65	42	19	8	12	16	
Adults (18 years of age and over):																					
Males,	766	-	-	1	4	8	14	36	55	214	74	106	76	16	65	42	19	8	12	16	
Females,	304	-	-	2	21	64	89	53	46	12	8	7	1	1	-	-	-	-	-	-	
Young persons (under 18 years of age),	72	1	-	18	24	16	5	5	2	-	1	-	-	-	-	-	-	-	-	-	
Window Shades and Fixtures.	67	-	-	-	3	5	4	-	6	3	5	10	2	2	10	3	8	5	1	-	
Adults (18 years of age and over):																					
Males,	57	-	-	-	2	-	1	-	5	3	5	10	2	2	10	3	8	5	1	-	
Females,	7	-	-	-	-	3	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	3	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wire.	3,801	-	1	2	30	45	46	45	543	468	202	376	277	184	309	455	354	202	116	56	
Adults (18 years of age and over):																					
Males,	3,674	-	1	2	10	19	26	37	525	456	282	370	273	183	308	455	354	201	116	56	
Females,	84	-	-	-	17	13	6	5	11	11	8	6	4	1	1	-	-	1	-	-	
Young persons (under 18 years of age),	43	-	-	-	3	13	14	3	7	1	2	-	-	-	-	-	-	-	-	-	
Wirework, Including Wire Rope and Cable.	2,787	-	18	163	153	221	209	334	308	231	156	144	102	115	170	152	124	69	44	74	
Adults (18 years of age and over):																					
Males,	2,043	-	4	18	33	75	110	221	246	204	149	135	101	115	170	152	123	69	44	74	
Females,	459	-	7	95	24	73	61	102	53	26	7	9	1	-	-	-	1	-	-	-	
Young persons (under 18 years of age),	285	-	7	50	96	73	38	11	9	1	-	-	-	-	-	-	-	-	-	-	

TABLE VI. DAYS IN OPERATION.

A. THE STATE: BY INDUSTRIES.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
THE STATE.	3,405	239.2	The State — Con.		
Agricultural implements,	5	291.0	Confectionery,	121	290.3
Artificial stone,	28	270.2	Cooperage,	36	232.8
Automobiles, including bodies and parts,	57	291.3	Copper, tin, and sheet-iron products,	122	297.2
Awnings, tents, and sails,	48	289.7	Cordage and twine,	18	296.8
Baskets, and rattan and willow ware,	14	269.7	Cordials and sirups,	7	295.9
Belting and hose, leather,	15	303.6	Corsets,	11	285.1
Belting and hose, woven,	6	296.3	Cotton goods,	167	289.5
Bicycles, motorcycles, and parts,	6	76.8	Cotton small wares,	23	284.1
Billiard tables and materials,	4	305.0	Cutlery and tools, not elsewhere specified,	137	291.8
Blacking,	50	295.2	Dairymen's, poulterers', and apiarists' supplies,	4	296.8
Bookbinding and blank-book making,	57	301.8	Dentists' materials,	8	295.4
Boot and shoe cut stock and findings,	375	295.4	Dyeing and finishing textiles,	49	289.5
Boots and shoes,	453	288.3	Dyestuffs and extracts,	14	303.1
Boots and shoes, rubber,	8	278.6	Electrical machinery, apparatus, and supplies,	80	298.2
Boxes, cigar,	4	298.0	Electroplating,	41	296.6
Boxes, fancy and paper,	95	298.0	Emery and other abrasive wheels,	11	288.0
Boxes, wooden packing,	99	282.0	Enameling and japanning,	11	293.5
Braes and bronze products,	69	296.2	Engraving and die sinking,	21	285.5
Bread and other bakery products,	804	300.9	Envelopes,	11	301.5
Brick and tile,	45	168.2	Fancy articles, not elsewhere specified,	18	300.8
Brooms,	23	270.7	Felt goods,	13	272.7
Brushes,	27	293.3	Firearms,	6	291.0
Butter,	16	268.2	Flavoring extracts,	13	304.5
Buttons,	11	275.1	Flour-mill and gristmill products,	70	272.4
Canning and preserving,	55	273.8	Food preparations,	31	244.4
Card cutting and designing,	4	302.8	Foundry and machine-shop products,	623	296.7
Carpets and rugs, other than rag,	11	289.3	Fur goods,	11	291.0
Carpets, rag,	17	279.8	Furnishing goods, men's,	15	290.4
Carriages and sleds, children's,	5	289.6	Furniture,	116	296.3
Carriages and wagons and materials,	89	302.9	Galvanizing,	3	292.3
Cars and general shop construction and repairs by steam-railroad companies,	22	312.7	Gas and electric fixtures,	11	292.0
Chemicals,	21	306.0	Glass, cutting, staining, and ornamenting,	25	291.8
Cleansing and polishing preparations,	15	291.8	Glue,	9	256.4
Clocks,	9	293.8	Gold and silver, leaf and foil,	11	291.1
Cloth, sponging and re-finishng,	4	299.0	Gold and silver, reducing and refining, not from the ore,	7	303.3
Clothing, men's,	206	284.7	Grease and tallow,	34	291.2
Clothing, women's,	184	281.7	Hand-knit goods,	7	281.5
Coffee and spice, roasting and grinding,	16	303.1	Hand stamps and stencils and brands,	25	305.0
Coffins, burial cases, and undertakers' goods,	12	298.6	Hardware,	40	297.5
Combs and hairpins,	35	284.4	Hats and caps, other than felt, straw, and wool,	30	278.7
			Hats, felt,	11	261.6
			Hats, straw,	20	272.4

TABLE VI. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Hosiery and knit goods,	65	283.8	Paints and varnishes,	34	283.1
House-furnishing goods,	26	296.9	Paper and wood pulp,	86	279.6
not elsewhere specified,			Paper goods not elsewhere specified,	47	284.5
Instruments, professional and scientific,	22	284.3	Patent medicines and compounds and druggists' preparations,	75	296.8
Iron and steel, steel works and rolling mills,	7	291.8	Photo-engraving,	12	302.4
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,	9	299.9	Plumbers' supplies,	19	299.7
Iron and steel forgings,	11	290.2	Pocketbooks,	6	295.0
Iron and steel, nails and spikes, out and wrought, including wire nails, not made in steel works or rolling mills,	23	291.1	Pottery, terra-cotta, and fire-clay products,	15	287.9
Ivory, shell, and bone work, not including combs and hairpins,	3	279.6	Printing and publishing,	131	301.4
Jewelry,	160	281.5	Refrigerators,	11	292.6
Jewelry and instrument cases,	12	300.2	Regalia and society badges and emblems,	4	302.8
Keolin and ground earths,	6	303.3	Rubber goods, not elsewhere specified,	36	289.7
Labels and tags,	4	305.0	Saddlery and harness,	38	296.6
Lamps and reflectors,	6	277.1	Sausage, not made in slaughtering and meat-packing establishments,	46	296.4
Lasts,	24	283.5	Scales and balances,	3	283.0
Leather goods, not elsewhere specified,	44	285.3	Screws, machine,	16	283.8
Leather, tanned, curried, and finished,	137	276.3	Shipbuilding, wooden, including boat building,	51	273.1
Lime,	8	306.2	Shirts,	13	277.1
Linen goods,	8	371.6	Shoddy,	25	265.8
Liquors, distilled,	6	291.4	Showcases,	11	302.3
Liquors, malt,	32	308.6	Signs and advertising novelties,	11	284.6
Looking-glass and picture frames,	20	302.9	Silk and silk goods, including throwsters,	16	295.9
Lumber and timber products,	28	222.0	Silverware and plated ware,	19	286.2
Lumber, planing-mill products,	165	295.8	Slaughtering and meat packing,	38	254.1
Marble and stone work,	103	262.8	Soap,	39	300.0
Mattresses and spring beds,	41	300.5	Sporting and athletic goods,	16	302.6
Millinery and lace goods,	67	298.1	Stationery goods, not elsewhere specified,	19	299.5
Mineral and soda waters,	91	288.3	Statuary and art goods,	10	302.2
Mirrors,	6	301.1	Steam fittings and heating apparatus,	29	293.2
Models and patterns, not including paper patterns,	60	298.4	Steam packing,	10	292.1
Monuments and tombstones,	155	284.2	Stereotyping and electrotyping,	13	304.4
Mucilage and paste,	14	300.3	Stoves and furnaces, not including gas and oil stoves,	14	270.0
Musical instruments and materials, not specified,	14	300.3	Structural ironwork,	49	296.8
Musical instruments, pianos, and organs, and materials,	50	295.8	Surgical appliances,	12	295.0
Oil, not elsewhere specified,	16	300.3	Suspenders, garters, and elastic woven goods,	31	286.4
Optical goods,	10	296.9	Tobacco manufactures,	315	287.5
			Toys and games,	11	282.1
			Trunks and valises,	19	296.0
			Type founding and printing materials,	8	271.2

TABLE VI. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Upholstering materials, .	3	305.0	Wirework, including wire rope and cable, .	31	294.3
Vinegar and cider, .	13	253.5	Wood, turned and carved, .	47	290.3
Waste, .	9	291.1	Wooden goods, not elsewhere specified, .	26	276.9
Watch and clock materials, .	6	273.8	Wool scouring, .	11	286.4
Whips, .	22	291.5	Woolen and worsted goods, .	166	283.2
Window shades and fixtures, .	8	300.6	All other industries, .	183	291.2
Wire, .	7	303.2			

B. THE STATE: BY CITIES AND TOWNS.

CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation	CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation
THE STATE.	3,495	289.2	The State — Con.		
Abington,	12	290.8	Douglas,	4	296.0
Acton,	15	262.8	Dudley,	9	291.3
Adams,	28	292.4	Easthampton,	15	273.6
Agawam,	3	292.3	Easton,	6	295.2
Amesbury,	43	286.0	Erving,	4	297.8
Amherst,	16	283.3	Essex,	3	239.7
Andover,	10	274.9	EVERETT,	53	290.9
Arlington,	13	283.5	FALL RIVER,	227	293.2
Ashburnham,	9	283.1	FITCHBURG,	114	289.0
Athol,	29	292.4	Foxborough,	11	253.7
Attleborough,	136	284.8	Frammingham,	37	279.6
Auburn,	4	280.3	Franklin,	24	284.0
Ayer,	11	293.5	Gardner,	53	275.9
Barnstable,	4	239.8	Georgetown,	6	233.7
Barre,	8	296.3	GLOUCESTER,	78	291.0
Becket,	6	292.8	Grafton,	12	298.1
BEVERLY,	44	291.6	Great Barrington,	13	302.0
Billerica,	6	260.0	Greenfield,	33	288.6
Boston,	2,104	292.2	Groton,	5	301.4
Braintree,	16	278.1	Hanover,	4	297.8
Bridgewater,	14	251.6	HAVERHILL,	316	296.2
BROCKTON,	184	291.0	Hingham,	6	257.7
Brookfield,	3	304.0	HOLYOKE,	133	293.2
Brookline,	10	304.8	Hudson,	28	282.2
CAMBRIDGE,	243	293.9	Kingston,	5	294.5
Canton,	15	275.4	LAWRENCE,	135	292.7
Chelmsford,	11	270.6	Lee,	13	271.8
CHELSEA,	96	287.0	Leicester,	10	302.2
Chester,	5	305.0	Leominster,	70	283.5
CHICOPPE,	40	276.8	Lexington,	5	285.3
Clinton,	25	285.0	LOWELL,	224	290.3
Concord,	8	283.8	LYNN,	365	292.3
Dalton,	9	296.4	MALDEN,	63	289.9
Danvers,	24	258.1	Manchester,	5	294.4
Dedham,	10	304.0	Mansfield,	20	274.3
Deerfield,	7	261.4	Marblehead,	22	279.0
Dighton,	6	295.8	MARLBOROUGH,	38	284.6
			MEDFORD,	28	289.4

TABLE VI. DAYS IN OPERATION — Concluded.

B. THE STATE: BY CITIES AND TOWNS — Concluded.

CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation	CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Medway,	10	272.8	SALEM,	151	285.1
MELROSE,	16	284.4	Shelburne,	3	299.3
Merrimac,	7	290.6	Shirley,	8	231.3
Methuen,	19	271.1	SOMERVILLE,	93	297.5
Middleborough,	17	282.6	Southbridge,	23	297.7
Millford,	39	285.7	South Hadley,	12	268.3
Millbury,	25	297.7	Spencer,	12	276.9
Milton,	4	250.0	SPRINGFIELD,	245	292.4
Monson,	7	294.4	Stoneham,	18	287.9
Montague,	16	260.8	Stoughton,	16	293.1
Natick,	32	283.8	Swampscott,	3	296.7
Needham,	19	292.1	TAUNTON,	94	289.9
NEW BEDFORD,	170	295.6	Templeton,	16	266.7
NEWBURYPORT,	49	292.6	Townsend,	6	282.3
NEWTON,	37	292.5	Uxbridge,	10	296.3
NORTH ADAMS,	50	299.6	Wakefield,	17	298.6
NORTHAMPTON,	50	282.4	Walpole,	11	300.7
North Andover,	7	293.0	WALZHAM,	64	292.3
North Attleborough,	59	273.4	Ware,	13	297.5
Northborough,	4	305.0	Wareham,	9	256.7
Northbridge,	10	300.5	Warren,	9	286.2
North Brookfield,	7	296.9	Watertown,	13	295.0
North Reading,	5	305.0	Wellesley,	4	300.0
Norton,	7	273.2	Westborough,	10	289.9
Norwood,	15	292.1	Westfield,	70	293.9
Orange,	19	278.9	Westford,	13	212.5
Oxford,	8	290.0	West Springfield,	13	274.8
Palmer,	12	292.2	West Stockbridge,	5	311.6
Peabody,	69	284.8	Weymouth,	29	288.8
Pepperell,	8	295.2	Whitman,	15	291.9
PITTSFIELD,	55	286.8	Williamsburg,	10	295.2
Plainville,	7	291.0	Winchendon,	22	298.1
Plymouth,	22	284.2	Winchester,	17	277.7
QUINCY,	157	286.1	Winthrop,	3	320.3
Randolph,	6	294.5	WOBURN,	45	294.9
Reading,	17	286.4	WORCESTER,	448	294.2
Revere,	5	302.8	Other towns,	323	273.0
Rockland,	15	293.2			
Rockport,	11	248.3			
Rowley,	6	289.5			

PUBLICATIONS

OF THE BUREAU OF STATISTICS.

I. REPORT ON THE STATISTICS OF LABOR.

(Public Document No. 15.)

The publication of the Annual Report on the Statistics of Labor began in 1870, the Labor Bulletin in 1897, and Special Reports have been issued from time to time as occasion required. The publication of separate series of (a) Parts of the Annual Report on the Statistics of Labor (Public Document No. 15) and (b) Labor Bulletins has been discontinued, and since January, 1913, all of these several publications have been styled "Labor Bulletins" and a certain number of copies set aside for binding and publication at the end of the year under the title of the "Annual Report on the Statistics of Labor." The Labor Bulletins are published at irregular intervals and each number contains matter devoted to one subject, concerning labor or the condition of the wage-earning population or questions of general economic or social interest. These Bulletins are numbered consecutively, as issued, beginning with No. 94 and are dated as of the date when the copy for same was despatched to the State Printers. A list of the Bulletins issued since January 1, 1913, will be found below. Those indicated by an asterisk (*) are now out of print; those which remain in print will be mailed to applicants upon receipt of the amount indicated to cover the cost of mailing. A list of the Reports and Bulletins issued prior to January 1, 1913, will be furnished on application.

Persons or organizations desiring to receive the Labor Bulletins as issued will be placed upon the mailing list upon making application to the Bureau on a form provided for this purpose.

No. 94, March 1, 1913. 12th Annual Directory of Labor Organizations in Massachusetts, 1913 (3 c.).

No. 95, October 1, 1913. Labor Legislation in Massachusetts, 1913 (with text of legislation for 1912 and Cumulative Index of the Labor Laws in effect December 31, 1913). The labor laws of years prior to 1912 were published in Labor Bulletins Nos. 67 (out of print) and 84 (5 c.).

No. 96, October 10, 1913. 5th Annual Report on Labor Organizations, 1912 (4 c.).

No. 97, February 13, 1914. Union Scale of Wages and Hours of Labor, October 1, 1913 (4 c.).

No. 98, March 9, 1914. 13th Annual Directory of Labor Organizations, 1914 (3 c.).

No. 99, April 3, 1914. Immigrant Aliens Destined for and Emigrant Aliens Departed from Massachusetts, 1913 (1 c.).

No. 100, June 8, 1914. Labor Bibliography, 1913 (5 c.).

No. 101, June 12, 1914. Industrial Home Work in Massachusetts (7 c.).

* No. 102, July 21, 1914. Action affecting Labor during the Legislative Session of 1914.

No. 103, August 3, 1914. Wages and Hours of Labor in the Paper and Wood Pulp Industry in Massachusetts (5 c.).

II. REPORT ON UNEMPLOYMENT OF ORGANIZED WAGE-EARNERS.

The publication of the quarterly reports on Unemployment of Organized Wage-Earners began in May, 1908. A few reports for the following quarters are still available for distribution, and will be sent to any address, upon receipt of the amount specified in postage. 1913 — June 30 (1 c.), September 30 (1 c.), December 31 (1 c.); 1914 — March 31 (1 c.), June 30 (1 c.), September 30 (1 c.). Annual summaries were published in the annual reports on Labor Organizations of which the following are still available for distribution: 1910 (3 c.); 1912 (4 c.). Persons or organizations desiring to receive copies of this report will be placed upon the mailing list upon making application.

III. REPORT ON THE STATISTICS OF MANUFACTURES.

(Public Document No. 36.)

The publication of the Annual Report on the Statistics of Manufactures began in 1886. Each report issued prior to 1907 contained comparisons for identical establishments, between two or more years, as to Capital Devoted to Production, Stock and Materials Used, Goods Made, Persons Employed, Wages Paid, and Time in Operation. Beginning with 1907 the comparisons for identical establishments were omitted, and all returns made to the Bureau included in the tabulations. A limited number of reports for the years 1909 and 1912 are still available for distribution, and will be sent to any address, upon receipt of five (5) cents to cover the cost of mailing, as will also the present number, the Twenty-eighth Annual Report, 1913 (5 c.).

IV. REPORT ON THE STATISTICS OF MUNICIPAL FINANCES.

(Public Document No. 79.)

The first report on the Statistics of Municipal Finances was issued in September, 1908, and covered municipal fiscal years ending between November 30, 1906, and April 1, 1907. The reports for this and for later years contain tabular presentations showing the Cost of Municipal Government in Massachusetts; Summarized Statement of All Receipts and Payments, together with Analysis Tables and Definitions of Terms intended to promote uniformity in accounting and presentation of municipal reports. The first and second reports are now out of print. Other reports will be sent upon receipt of ten (10) cents each to cover the cost of mailing.

The sixth report covers municipal fiscal years ending between November 30, 1911, and March 15, 1912. It will be sent upon receipt of ten (10) cents to cover the cost of mailing.

V. REPORT ON THE FREE EMPLOYMENT OFFICES.

(Public Document No. 80.)

Free employment offices are maintained under the jurisdiction of this Bureau in Boston, Springfield, Fall River, and Worcester.

The annual reports contain statistical tables and descriptive matter relative to the work of the offices, and, with the exception of the 1st and 4th (now out of print), will be sent on receipt of five (5) cents each to cover the cost of mailing. The reports are issued in January of each year, and cover the year ending November 30.

VI. THE MUNICIPAL BULLETIN.

Containing matter relating to municipal affairs, especially finances, and intended to promote a sound and efficient administration of city and town government in Massachusetts. Copies will be mailed upon receipt of the amount indicated to cover the cost of mailing.

No. 1. January, 1910. A Uniform Classification of Municipal Receipts and Payments Prescribed for the Cities and Towns of Massachusetts as a Basis for a Standard System of Accounts and Reports (3 c.).

No. 2. July, 1910. Recent Legislation relative to Town Finances and Municipal Accounts. (Out of print. Superseded by Bulletins Nos. 5 and 6.)

No. 3. January, 1911. The Issue and Certification of Town Notes Under the Provisions of Chapter 418, of the Acts of 1910 (1 c.).

No. 4. March, 1911. Outstanding Indebtedness of Certain Cities and Towns of Massachusetts Against which no Sinking Funds are being Accumulated or for the Extinguishment of which no Annual Payments of Principal are being Made (2 c.).

No. 5. July, 1913. Laws relating to Municipal Finances including the Municipal Indebtedness Act of 1913, the Acts requiring the Certification of Town and District Notes, providing for the Auditing of Accounts, and the Installation of Accounting Systems by the Bureau of Statistics, making of Annual Returns of Financial Transactions, etc. Superseded by Bulletin No. 6.

No. 6. July, 1914. Laws relating to Municipal Finances with amendments of 1914; supersedes Bulletins Nos. 2 and 5.

VII. SPECIAL REPORTS.

Special reports will be mailed upon receipt of the amount indicated to cover the cost of mailing. That indicated by an asterisk (*) is now out of print.

* **January 4, 1911.** A Special Report on the Cost of Retirement Systems for State and County Employees in Massachusetts (4 c.).

January 6, 1911. The Population of Massachusetts as Determined by the Thirteenth Census of the United States, 1910 (3 c.).

April 15, 1911. Report of a Special Investigation relative to the Indebtedness of the Cities and Towns of the Commonwealth (8 c.).

March 5, 1913. Report of a Special Investigation relative to the Sinking Funds and Serial Loans of the Cities and Towns of the Commonwealth (2 c.).

August 1, 1913. A Directory of Massachusetts Manufactures, 1913 (8 c.).

August 1, 1914. Power Laundries in Massachusetts, 1913 (3 c.).

VIII. THE DECENNIAL CENSUS.

The Decennial Census of the Commonwealth for 1905 was published complete in four volumes, now out of print. The next Census will be taken in 1915.

Public Document

No. 36

The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director



TWENTY-NINTH ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

1914



BOSTON

WRIGHT & POTTER PRINTING COMPANY

STATE PRINTERS

1916

ORGANIZATION AND FUNCTIONS OF THE MASSACHUSETTS BUREAU OF STATISTICS

Rooms 250-254 State House, Boston

The Bureau is organized into five permanent divisions: 1. The *Administration Division*, charged with duties supervisory in relation to the several divisions; 2. The *Labor Division*, engaged in the collection and tabulation of statistical and other information relating to matters affecting labor and the condition of the working people, as well as questions of general economic and social interest; 3. The *Manufactures Division*, which collects and tabulates Statistics of Manufactures; 4. The *Municipal Division*, which collects and tabulates Statistics of Municipal Finances, audits municipal accounts and installs accounting systems in cities and towns, and supervises the issuance of town notes; 5. The *Free Employment Offices Division*, embracing the administration of the State Free Employment Offices, of which there are four, located respectively at 8 Kneeland Street, Boston; 47 Water Street, Springfield; 182 Bank Street, Fall River; and 48-52 Green Street, Worcester. During the period of taking and compiling the Census a sixth division, the *Census Division*, is organized.

The functions of the Bureau and the duties of the Director are summarized in Section 1 of Chapter 371 of the Acts of 1909, entitled "An Act to Provide for a Bureau of Statistics," as follows:

SECTION 1. There shall be a Bureau of Statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the Commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices . . . ; and to take the Decennial Census of the Commonwealth required by the Constitution and present the results thereof in such manner as the General Court may determine.

APPROVED BY THE STATE BOARD OF PUBLICATION.

The Commonwealth of Massachusetts

TWENTY-NINTH ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

1914

BY THE

DIRECTOR OF THE BUREAU OF STATISTICS.



BOSTON
WRIGHT & POTTER PRINTING COMPANY
STATE PRINTERS
1916



The Bureau

The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

EXTRACTS FROM CHAPTER 371 OF THE ACTS OF 1909 ENTITLED "AN ACT TO PROVIDE FOR A BUREAU OF STATISTICS."

SECTION 1. There shall be a bureau of statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the decennial census of the commonwealth required by the constitution and present the results thereof in such manner as the general court may determine.

SECTION 4. The director of the said bureau is authorized to prepare a schedule or blank form for the collection of such data as may be, in his judgment, desirable for the proper presentation of statistics of manufactures and the promotion of the industrial welfare of the commonwealth, and the said schedule, unless modified by the director, shall embody inquiries as to, —

- (1) Name of person, partnership or corporation.
- (2) Kind of goods manufactured or business done.
- (3) Number of partners or stockholders.
- (4) Capital invested.
- (5) Principal stock or raw material used, and total value thereof.
- (6) Gross quantity and value of articles manufactured.
- (7) Average number of persons employed, distinguishing as to sex, adults, and children.
- (8) Smallest number of persons employed, and in what month.
- (9) Largest number of persons employed, and in what month.
- (10) Total wages, not including salaries of managers, paid during the year, distinguishing as to sex, adults, and children.
- (11) Proportion that the business of the year bore to the greatest capacity for production of the establishment.
- (12) Number of weeks in operation during the year, part time being reduced to full time.

The said schedule shall be sent by mail annually, on or before the fifteenth day of December, to the owner, operator, or manager of every manufacturing establishment in the commonwealth, and such owner, operator, or manager, or any other person to whom the schedule or blank form is sent shall answer the inquiries thereon and return the same to the bureau properly certified as to its accuracy, not later than the following twentieth day of January: *provided, however*, that the director may, in his discretion, extend the time for returning the schedule beyond said twentieth day of January.

CONTENTS.

PAGE

INTRODUCTION,	
The report for 1914, a complete census, covers 12,013 establishments,	v
The conditions in manufacturing industries in 1914 considerably below normal,	v, vii
Comparisons for All Industries, by census years, 1895-1914,	vi-viii
Comparisons for All Industries, 1913, 1914,	viii, ix
Comparisons for 25 leading industries, value of product, 1904-1909-1914,	x
Comparisons for 25 leading industries, showing decreases, 1913, 1914,	xi
The principal industries, 1895-1914,	xii-xxv
Boots and shoes, exclusive of cut stock and findings,	xvii
Cotton goods, including cotton small wares,	xviii
Electrical machinery, apparatus, and supplies,	xix
Foundry and machine-shop products,	xx
Leather, tanned, curried, and finished,	xxi
Paper and wood pulp,	xxii
Printing and publishing,	xxiii
Slaughtering and meat packing, including sausage,	xxiv
Woolen and worsted goods, including felt goods,	xxv
Massachusetts fifth in rank in,	xiv
Value of product in connection with population,	xxvi, xxvii
Comparisons for six principal industries, percentages,	xxvi
The cities,	xxvii-xxxiv
Comparisons for the 33 cities, by census years, 1895-1914,	xxxiii
Comparisons for the 33 cities, 1913, 1914,	xxxiv
Metropolitan Boston,	xxxv-xxxix
Comparisons, by census years, 1895-1914,	xxxviii, xxxix
The towns,	xl, xli
Character of ownership, and value added by manufacture,	xli, xlii
Employment, by months,	xlii-xliv
Classified weekly wages,	xliv-li
Days in operation,	lii
Laundries,	lii, liii
Conclusion,	liii
TABULAR PRESENTATIONS,	1-114
Table I:	
A. Capital invested, materials used, wages paid, wage-earners, and product for the State: By industries,	2-10
B. The 33 cities: By industries,	11-31
C. Metropolitan Boston: By industries,	32-37
D. Metropolitan Boston: By cities and towns,	38, 39
E. The 117 towns having three or more manufacturing establishments,	40-47
Table II. Character of ownership for 20 selected industries 1914, and for All Industries,	48-51
Table III. Number of wage-earners employed on the 15th day of each month: By industries,	52-61
Table IV. Classified weekly wages: By Industries,	62-103
Table V. Days in operation,	104-107
A. The State: By industries,	104-106
B. The State: By cities and towns,	106, 107
Table VI. Power used in manufactures in Massachusetts, 1899-1914,	108
Table VII. Laundries,	109-114

STATISTICS OF MANUFACTURES—1914.

INTRODUCTION.

The data for the 29th Annual Report on the Statistics of Manufactures, covering the year 1914 are derived from the returns from 12,013 establishments, a complete canvass of the State being made and, as in other Census years, its scope being extended to include not only the Gas (illuminating and heating) industry and the complete industries of Printing and Publishing, and Lumber and Timber products, but also all manufacturing establishments having products of \$500 and over. These industries and the relatively smaller establishments¹ are ordinarily omitted from the regular canvass during the intercensal years, not only on account of the expense involved in collecting them, but also because of the necessity of publishing the returns within a twelve-months' period.

These returns show the total value of the manufactured product of Massachusetts for the year 1914 to be \$1,641,373,047, an increase as compared with the Census taken five years previously, — as of the year ending December, 1909, when the figure stood at \$1,490,529,386, — of \$150,843,661, or 10.1 per cent, — or an average gain of a little over two per cent per year. But, if the 1914 figures be compared with those of the immediately preceding year, 1913, when the total was \$1,658,728,363, notwithstanding the canvass was more restricted, it is significant that an absolute decline of \$17,355,316 appears. Thus, it is obvious, in spite of a record of 10.1 per cent increase in the product value of Massachusetts manufactures shown by the census figures of 1914 in comparison

¹ These smaller establishments having product values ranging between \$500 and \$5,000 a year, while constituting a very large proportion of the total number of establishments included in a Census (23.6 per cent) represent less than one-half of one per cent of the aggregate product value for All Industries. [13th Census of the United States, Vol. IX, page 507.]

with the Census of 1909, that conditions in our industries as a whole were considerably below normal in 1914, — the rate of increase, not only in value of product, but in the other factors taken into account in the returns, falling far below the average at any time for nearly a score of years, as appears from an examination of the following summary of the census figures since 1895: —

CENSUS YEAR.	Value of Product	Increase	Per Cent of Increase	Average Per Cent of Increase Per Year
1895,	\$734,652,132	—	—	—
1899,	907,626,439	\$172,974,307	23.5	5.9
1904,	1,124,092,051	216,465,612	23.8	4.8
1909,	1,490,529,386	366,437,335	32.6	6.5
1914,	1,641,373,047	150,843,661	10.1	2.0
Increase for the 19-year period, . .	—	906,720,915	123.4	6.5

CENSUS YEAR.	Value of Stock and Materials	Increase	Per Cent of Increase	Average Per Cent of Increase Per Year
1895,	\$406,026,692	—	—	—
1899,	498,655,033	\$92,628,341	22.8	5.7
1904,	626,410,431	127,755,398	25.6	5.1
1909,	830,764,943	204,354,512	32.6	6.5
1914,	931,353,793	100,618,850	12.1	2.4
Increase for the 19-year period, . .	—	525,357,101	129.4	6.8

CENSUS YEAR.	Amount Paid in Wages	Increase	Per Cent of Increase	Average Per Cent of Increase Per Year
1895,	\$166,723,992	—	—	—
1899,	195,278,376	\$28,554,384	17.1	4.3
1904,	232,388,946	37,110,670	19.0	3.8
1909,	301,173,464	68,784,518	29.6	5.9
1914,	341,309,517	40,136,053	13.3	2.7
Increase for the 19-year period, . .	—	174,585,525	104.7	5.5

CENSUS YEAR.	Average Number of Wage Earners	Increase	Per Cent of Increase	Average Per Cent of Increase Per Year
1895,	282,563	-	-	-
1899,	438,234	55,671	14.6	3.7
1904,	488,299	50,165	11.4	2.3
1909,	584,559	96,160	19.7	3.9
1914,	606,698	22,139	3.8	0.8
Increase for the 19-year period, . .	-	224,135	58.6	3.1

CENSUS YEAR.	Number of Establish- ments	Increase	Per Cent of Increase	Average Per Cent of Increase Per Year
1895,	8,692	-	-	-
1899,	10,929	2,237	25.7	6.4
1904,	10,723	206 ¹	-1	-1
1909,	11,684	961	9.0	1.8
1914,	12,013	329	2.8	0.6
Increase for the 19-year period, . .	-	3,321	38.2	2.0

¹ Decrease.

It is of interest to note in examining these figures that although for each census year under review up to 1914, the value of manufactured product increased at a more rapid rate than the amount paid in wages, the relationship between the two is reversed for the period 1909-1914, and that while the value of product increased only 10.1 per cent, the amount of wages paid increased 13.3 per cent; although there was an increase during the same period in the average number of wage earners of only 3.8 per cent. For the entire 19-year period, there was an increase in value of product of 123.4 per cent, while the increase in the amount of wages paid was 104.7 per cent, and the increase in the average number of wage earners employed was 58.6 per cent; the percentage of increase in the aggregate amount paid in wages being thus almost twice the percentage of increase in the number of wage earners. The figures for the several factors taken into account for the several census years since 1895 indicate a degree of

progress such as, indeed, might reasonably be expected to occur at each five-year period, but, as above pointed out, there was a marked drop in the *rate* of increase during the period between 1909 and 1914, and an absolute decline between the last two years of that period as appears from the following table:

All Industries.

	1914	1913
Value of product,	\$1,641,873,047	\$1,658,728,363
Stock and materials used,	\$931,383,798	\$961,778,476
Wages paid,	\$341,309,517	\$351,299,706
Wage-earners,	606,698	616,927

The comparison between the figures of 1913 and 1914 is not less interesting and illuminating when applied in detail to our principal industries. We find, for example, that in 1913 we had already gone considerably beyond the \$200,000,000 mark in the product value of Boots and shoes, the total in that year being approximately \$217,000,000 — but it dropped in 1914 to a little over \$200,500,000; that in Cotton goods a level of \$211,985,000 in product value was recorded in 1913 which dropped in 1914 to \$197,322,000; that the output in Foundries and machine-shops fell off in 1914 from the 1913 figures by over \$5,000,000; that the product of the Slaughtering and meat packing industry in 1913 exceeded the returns for 1914 by more than four millions; that Leather, tanned, curried, and finished, in 1914, fell back nearly a million and a half from the 1913 mark; that Electrical machinery, apparatus, and supplies, lost in product value upwards of ten millions of dollars; that there was a perceptible decline in the work done by establishments engaged in the dyeing and finishing of textiles; that upwards of \$2,000,000 was lost in Jewelry; and that retrogression appears in Men's clothing, Furniture and refrigerators, and in Cutlery and tools. To put it briefly, there were only five out of 23 of the important industries in the State whose output in 1914 came up to the level of 1913.

Of the increases in product value in 1914 over 1913, by far the most pronounced was that in the Woolen and worsted

goods industry, which between the Censuses of 1904 and 1909 had shown an increase in product value of from approximately \$100,000,000 to \$140,665,000, or over 41 per cent, but which fell back in 1913 to \$122,495,000, a decline from the census figure of 1909 of 13 per cent. In December, 1913, however, this industry entered upon a new phase, and the partial recovery shown in 1914, amounting to over seven and one-half millions of dollars and which brought the total back to \$130,348,514 is probably attributable to the steadying influence of more settled conditions in this industry, in the place of the suspense and uncertainty which had existed for several years. The figures for the last two census periods for the leading industries and also separate comparisons for the years 1914 and 1913 are shown in the following tables: —

COMPARISON OF PRODUCT VALUE OF LEADING INDUSTRIES FOR THE CENSUS YEARS 1914, 1909, AND 1904.

INDUSTRIES.	VALUE OF PRODUCT		
	1914	1909	1904
✓ Boots and shoes, Per cent of increase over the preceding five years, .	\$200,529,858 7.3	\$187,045,767 29.6	\$144,291,426 -
Boot and shoe out stock and findings, Per cent of increase over the preceding five years, .	54,658,155 10.9	49,297,148 67.7	29,388,202 -
✓ Cotton goods, including cotton small wares, Per cent of increase over the preceding five years, .	197,322,111 6.8	186,462,313 43.4	130,068,983 -
✓ Woolen, worsted, and felt goods, Per cent of increase over the preceding five years, .	130,348,514 7.3 ¹	140,668,084 41.6	99,813,895 -
✓ Foundry and machine-shop products, Per cent of increase over the preceding five years, .	85,638,612 0.3 ¹	86,925,671 36.4	63,750,411 -
✓ Printing and publishing, Per cent of increase over the preceding five years, .	56,196,811 18.4	47,445,006 80.8	39,274,014 -
Slaughtering and meat packing, ² Per cent of increase over the preceding five years, .	54,446,687 22.6	44,402,972 16.8	38,012,208 -
✓ Leather, tanned, curried, and finished, Per cent of increase over the preceding five years, .	45,266,434 13.2	40,002,079 19.9	33,352,999 -
✓ Electrical machinery, apparatus, and supplies, Per cent of increase over the preceding five years, .	43,869,294 55.9	28,142,889 77.2	15,882,216 -
Paper and wood pulp, Per cent of increase over the preceding five years, .	43,352,545 8.1	40,096,718 25.3	32,012,247 -
Bread and other bakery products, Per cent of increase over the preceding five years, .	33,309,051 27.4	26,146,044 40.1	18,669,703 -
Boots and shoes, rubber, Per cent of increase over the preceding five years, .	23,788,788 27.1	18,722,363 53.0 ¹	29,034,549 -
Dyeing and finishing textiles, Per cent of increase over the preceding five years, .	22,458,086 2.6	21,892,890 28.2	11,048,512 -
Confectionery, Per cent of increase over the preceding five years, .	20,130,823 31.9	15,266,453 63.8	9,317,996 -
Clothing, men's, including shirts, Per cent of increase over the preceding five years, .	19,612,767 7.1	18,313,783 22.8	14,912,917 -
✓ Hosiery and knit goods, Per cent of increase over the preceding five years, .	17,419,077 18.2	14,736,025 46.0	10,094,897 -
Gas, illuminating and heating, Per cent of increase over the preceding five years, .	15,751,637 48.2	11,074,354 37.3	8,036,013 -
Liquors, malt, Per cent of increase over the preceding five years, .	15,608,044 22.7	12,723,730 14.8	11,080,944 -
✓ Furniture and refrigerators, Per cent of increase over the preceding five years, .	14,281,057 3.0	13,867,548 22.1	11,359,678 -
Jewelry, Per cent of increase over the preceding five years, .	14,175,857 6.9 ¹	15,210,738 61.0	10,073,596 -
Clothing, women's, Per cent of increase over the preceding five years, .	13,982,587 19.2	11,727,980 34.9	8,696,044 -
Cutlery and tools, not elsewhere specified, Per cent of increase over the preceding five years, .	12,974,022 11.7	11,610,749 41.0	8,233,000 -
Iron and steel, steel works and rolling mills, Per cent of increase over the preceding five years, .	11,376,008 16.2 ¹	13,567,628 13.6	11,947,731 -
Automobiles, including bodies and parts, Per cent of increase over the preceding five years, .	11,198,790 1.4 ¹	11,359,224 336.6	2,662,505 -
✓ Carpets and rugs, other than rag, Per cent of increase over the preceding five years, .	10,981,344 14.3 ¹	12,811,981 31.9	9,713,978 -

¹ Decrease.² Including sausage.

COMPARISONS OF PRODUCT VALUE OF LEADING INDUSTRIES FOR THE
YEARS 1914 AND 1913, SHOWING DECREASES.

INDUSTRIES.	1914	1913	Decrease in 1914
The State.	\$1,641,373,947	\$1,653,728,363	\$17,355,316
Boots and shoes, including cut stock and findings,	255,188,013	269,677,783	14,489,770
Boots and shoes,	300,529,858	316,867,911	16,338,053
Boot and shoe cut stock and findings, . . .	54,658,155	53,009,872	1,648,283 ¹
Cotton goods, including cotton small wares, .	197,322,111	211,985,220	14,663,109
Woolen, worsted, and felt goods,	130,348,514	122,495,093	7,853,421 ¹
Foundry and machine-shop products, ² . . .	85,638,612	90,948,683	5,310,071
Printing and publishing,	56,195,811	18,708,542 ³	-
Slaughtering and meat packing, ⁴	54,446,687	58,658,143	4,211,456
Leather, tanned, curried, and finished, . .	45,265,434	46,674,470	1,409,036
Electrical machinery, apparatus and supplies, .	43,869,294	54,433,691	10,564,397
Paper and wood pulp,	43,352,545	48,402,886	5,050,341
Bread and other bakery products,	33,309,061	28,331,835	4,977,216 ¹
Boots and shoes, rubber,	23,788,788	24,733,926	945,138
Dyeing and finishing textiles,	22,455,086	25,125,931	2,670,845
Confectionery,	20,130,823	20,175,141	44,318
Clothing, men's, including shirts,	19,613,767	21,772,597	2,158,830
Hosiery and knit goods, including hand-knit goods.	17,419,077	16,717,928	701,149 ¹
Gas, illuminating and heating,	15,751,687	- ⁵	-
Liquors, malt,	15,608,044	15,795,719	187,675
Furniture and refrigerators,	14,281,057	15,327,462	1,046,405
Jewelry,	14,175,857	16,526,436	2,350,579
Clothing, women's,	13,982,587	13,812,249	170,338 ¹
Cutlery and tools, not elsewhere specified, .	12,974,022	13,760,732	786,710
Iron and steel, steel works and rolling mills, .	11,376,008	14,680,756	3,304,748
Automobiles, including bodies and parts, . .	11,198,790	11,265,703	66,913
Carpets and rugs, other than rag,	10,981,344	12,853,395	1,872,051

¹ Increase.

² In accordance with the grouping of the Census Office, the line Foundry and Machine-Shop Products includes the following: Foundry and machine shop products; automobile repairing; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and heating apparatus; and structural ironwork.

³ These figures are not comparable. For reasons given in the text, the canvass in this industry was incomplete in 1913.

⁴ Includes sausage.

⁵ No returns for this industry in 1913.

THE PRINCIPAL INDUSTRIES.

Measured by product value, the principal industries of the State fall in order in 1914 as follows: —

- (1) Boots and shoes,
- (2) Cotton goods, including cotton small wares,
- (3) Woolen and worsted goods, including felt goods,
- (4) Foundry and machine-shop products,
- (5) Printing and publishing,
- (6) Slaughtering and meat packing,
- (7) Leather, tanned, curried, and finished,
- (8) Electrical machinery, apparatus, and supplies,
- (9) Paper and wood pulp.

Of these enumerated leading industries, two, namely, Printing and publishing and Slaughtering and meat packing, are differentiated from the others by certain peculiar characteristics. The former might perhaps be more aptly termed a service rather than a manufacturing industry, a large part of its product value as returned consisting of the amount received for advertising, a source of income quite independent of the amounts received from actual sale of goods produced. Slaughtering and meat packing is still another type of industry to be differentiated from what is technically manufacturing, the chief element of expense being the cost of stock, with a relatively small complement for labor as a contributing factor to the value of product. The condition of both of these industries, however, at any given time may be considered to reflect in a measure the increasing intelligence of the people and their standards of living, and therefore seem proper subjects for inclusion in a survey of this character. Some particular considerations are here given to the comparative returns for these nine principal industries for the Census years 1895 to 1914, inclusive:

Boots and Shoes (exclusive of Cut Stock and Findings). — The volume of product for the year ending in December, 1914, exhibits an advance over the output five years before, as of December, 1909, of \$13,484,091, or about seven per cent. The gain in the next earlier half-decade, 1909 over 1904, amounted to \$42,754,341, or 29.6 per cent. For the five years ending in

1904, the increase was 23.2 per cent, and for the earliest comparison, as between 1899 and 1895, 12 per cent. For the 19-year period an increase of 91.8 per cent appears, or an evidence of progress somewhat slower than that exhibited for the State as a whole which, as has been stated, shows increase of 123.4 per cent during the same time. The increase in the number of wage earners for the 19-year period was 42.3 per cent accompanied by an increase of 78.4 per cent in the amount paid in wages, and of 91 per cent in the cost of materials used. It should be stated that the data given in the table relate to the manufacture of Boots and shoes in a restricted sense. They do not include the product of concerns engaged in making soles, heels, and other cut stock, or those engaged in the manufacture of shoe findings. While these are undoubtedly a part of the boot and shoe industry, and are, moreover, the branches of the industry which exhibit the most rapid expansion in recent years, nevertheless, there is a strong local interest in the older manufacture of the completed article and the statistics are, therefore, separately presented. The value of output in Boot and shoe cut stock and findings in 1914 was \$54,658,155, or 10.9 per cent over 1909, and for the 19-year period, an increase of 251.1 per cent. The Boot and shoe industry, as a whole, maintained its share of the State total as compared with its position five years ago, there being only a fractional loss, 15.5 per cent in 1914 as against 15.9 per cent in 1909.

Cotton Goods (including Cotton Small Wares).— In Cotton goods, including Cotton small wares, the percentages of increase between 1914 and 1909 are, in value of product, approximately six per cent, four and 12 per cent in wage earners and wages, respectively, and 14 per cent in cost of materials. For the 19-year period, the increases amount to approximately 114 per cent in product value, 37 and 85, respectively, in wage earners and wages, and 152 per cent in cost of materials. The percentages of gain for the 19-year period are considerably larger in this industry than the corresponding percentages for Boots and shoes, with the single exception of the average number of wage earners which exhibits 37 per cent in Cotton goods as against 42 in Boots and shoes, although in both

industries tremendous advance has been made in the progress of invention. The output of the cotton mills formed 12 per cent of the State total in 1914 as against 12.5 per cent in 1909.

Woolen and Worsted Goods (including Felt Goods). — During the semidecade, 1909 to 1914, there was absolute recession in this industry, the value of product, as of December, 1914, \$130,348,514, falling off \$10,316,520 from the figures five years earlier, when the total stood at \$140,665,034, a decline of 7.3 per cent. Similar decrease, 4.8 per cent, appears in the amount expended for materials, and, while the average number of wage earners employed was nearly stationary, — an absolute increase of 1,060 wage earners, or two per cent appearing, — the amount disbursed in wages increased 12.8 per cent over 1909. This is the third largest industry in the State measured both by product value and by average number of wage earners employed, and notwithstanding the decline above noted, the development since 1895 has been apparently more rapid than either Boots and shoes or Cotton goods, the percentage of gain in value of product in 19 years being 140.3 per cent in Woolen and worsted goods as against, respectively, 91.8 and 113.7 per cent in Boots and shoes and Cotton goods. This is true also of the amount paid in wages, which increased 116 per cent; of the average number of wage earners employed in the industry, which advanced 57.6 per cent; and of the cost of materials used, which increased 155 per cent.

In these three fundamental industries, Massachusetts, — although fifth among the States of the Union in Manufactures, being displaced for fourth position, in 1914, by the State of Ohio, — still holds her leadership, as the following comparisons of product values in 1914 show:

Boots and Shoes.

Massachusetts,	\$200,529,858
New York,	67,288,809
Missouri,	40,311,210
New Hampshire,	37,664,039
Ohio,	32,773,922
Pennsylvania,	27,844,752

Cotton Goods.

Massachusetts,	\$195,481,626
North Carolina,	90,743,683
South Carolina,	78,446,145
Georgia,	59,982,008
Rhode Island,	43,267,662

Woolen and Worsted Goods (exclusive of felt goods).

Massachusetts,	\$127,351,434
Pennsylvania,	63,113,060
Rhode Island,	60,888,755
New Jersey,	35,738,853

Foundry and Machine-Shop Products. — For several years unusually depressing conditions have existed in this industry, the value of goods made exhibiting 1.5 per cent decrease during the half-decade ending in 1914 with a further decrease of 6.4 per cent in number of wage earners, 4 per cent in wages paid, and 0.6 per cent in the amount expended for materials used. Comparative figures for the 19-year period are not available, owing to differences in classification, but for the 15-year period, since 1899, the value of product increased 34.8 per cent, or at a rate of about $2\frac{1}{4}$ per cent per year. The number of wage earners increased in the 15 years only 15.4 per cent, the amount paid in wages 41.5 per cent, and the cost of materials used, 25.3 per cent.

Leather, tanned, curried, and finished. — The percentages of increase in this industry are with one or two exceptions generally lower for the half-decade ending in 1914 than for any previous five-year period, the average number of wage earners showing absolute decline as compared with 1909. The percentages of increase for the 19 years, as a whole, are similar to those for Boots and shoes, namely, 96 per cent in value of product; 42 and 72, respectively, in wage earners and wages; and 101 per cent in the cost of materials.

Electrical Machinery, Apparatus, and Supplies. — While this industry does not, as yet, fall into the same class as Boots and shoes, Cotton goods, and Woolen goods, each of whose products annually exceed \$100,000,000 in value, the development since 1895 has been by leaps and bounds and the per-

centages of gain unprecedented. From 1895 to 1899, the increase in output amounted to 80.9 per cent, rising from approximately six millions of dollars to \$10,490,000, while the next half-decade registered a further advance of 51 per cent. In the period, 1904 to 1909, the increase in output amounted to 77 per cent and at the end of 1914 the value of goods produced was \$43,869,294, or 656.7 per cent over 1895.

Paper and Wood Pulp. — The percentages of increase in this industry for the last half-decade, namely, eight in value of product; four and 15, respectively, in wage earners and wages; and 19 in cost of materials, are generally lower than for any other five-year period since 1899. For the five-year period, 1895 and 1899, decrease appeared in each of the elements considered.

Printing and Publishing. — This industry exhibits increase in volume of business of 18.4 per cent in 1914 as compared with 1909, accompanied by an increase in cost of materials used of 30.6 per cent, 3.6 per cent in average number of wage earners, and 13.5 per cent in wages paid.

Slaughtering and Meat Packing, including Sausage. — The gain in this industry in the semidecade ending in 1914 is greater than for any preceding five-year period since 1899, an increase of over 22 per cent in value of product and cost of materials appearing, accompanied by 7.7 per cent in average number of wage earners and of 16.6 per cent in amount of wages paid.

The data for these industries for the Census years are summarized as follows:

Boots and Shoes, exclusive of Cut Stock and Findings.*(a) Product.*

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	\$104,576,501	—	—
1899,	117,115,243	\$12,538,742	12.0
1904,	144,291,426	27,176,183	28.2
1909,	187,045,767	42,754,341	29.6
1914,	200,529,858	13,484,091	7.2
Increase for the 19-year period,	—	95,963,357	91.8

(b) Stock and Materials.

1895,	\$62,940,538	—	—
1899,	75,751,964	\$12,811,426	20.4
1904,	88,493,009	12,741,045	16.8
1909,	114,277,189	25,784,180	29.1
1914,	120,325,680	6,048,491	5.3
Increase for the 19-year period,	—	57,385,142	91.2

(c) Wages Paid.

1895,	\$26,196,644	—	—
1899,	27,745,820	\$1,549,176	5.9
1904,	33,160,667	5,414,847	19.5
1909,	41,970,498	8,809,831	26.6
1914,	46,743,858	4,773,360	11.4
Increase for the 19-year period,	—	20,547,214	78.4

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1895,	54,056	—	—
1899,	58,645	4,589	8.5
1904,	62,633	3,988	6.8
1909,	74,710	12,077	19.3
1914,	76,944	2,234	3.0
Increase for the 19-year period,	—	22,888	42.3

Cotton Goods, including Cotton Small Wares.*(a) Product.*

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	\$92,345,983	-	-
1899,	111,125,175	\$18,779,192	20.3
1904,	130,068,982	18,943,807	17.0
1909,	186,462,313	56,393,331	43.4
1914,	197,322,111	10,859,798	5.8
Increase for the 19-year period,	-	104,976,128	113.7

(b) Stock and Materials.

1895,	\$47,497,934	-	-
1899,	54,389,045	\$6,891,111	14.5
1904,	80,267,952	25,878,907	47.6
1909,	105,156,794	24,888,842	31.0
1914,	119,834,334	14,677,540	14.0
Increase for the 19-year period,	-	72,336,400	153.3

(c) Wages Paid.

1895,	\$27,369,337	-	-
1899,	32,478,697	\$5,109,360	18.7
1904,	32,555,017	76,320	0.2
1909,	45,117,069	12,562,052	38.6
1914,	50,706,040	5,588,971	12.4
Increase for the 19-year period,	-	23,336,708	85.3

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1895,	82,855	-	-
1899,	92,515	9,660	11.7
1904,	88,640	3,875 ¹	4.2 ¹
1909,	108,914	20,274	22.9
1914,	113,559	4,645	4.3
Increase for the 19-year period,	-	39,704	37.1

¹ Decrease.

Electrical Machinery, Apparatus, and Supplies.**(a) Product.**

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	\$5,797,743	-	-
1899,	10,490,361	\$4,692,618	80.9
1904,	15,832,216	5,391,855	51.4
1909,	28,142,889	12,360,673	77.2
1914,	43,899,294	15,726,405	55.9
Increase for the 19-year period,	-	38,071,551	656.7

(b) Stock and Materials:

1895,	\$2,828,830	-	-
1899,	5,280,393	\$2,421,463	85.6
1904,	7,324,167	2,073,874	39.5
1909,	12,734,820	5,410,653	73.9
1914,	17,696,907	4,962,087	39.0
Increase for the 19-year period,	-	14,868,077	525.6

(c) Wages Paid.

1895,	\$1,620,175	-	-
1899,	2,714,449	\$1,094,274	67.5
1904,	5,003,190	2,288,741	84.3
1909,	8,209,174	3,205,984	64.1
1914,	10,651,123	2,441,959	29.7
Increase for the 19-year period,	-	9,080,958	557.4

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1895,	3,236	-	-
1899,	5,202	1,966	60.8
1904,	8,798	3,596	69.1
1909,	14,507	5,709	64.9
1914,	17,125	2,618	18.0
Increase for the 19-year period,	-	13,889	429.2

Foundry and Machine-Shop Products.¹**(a) Product.**

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	- ²	-	-
1899,	\$63,514,000	-	-
1904,	63,750,411	\$236,411	0.4
1909,	86,925,671	23,175,260	26.4
1914,	85,638,612	1,287,069 ³	1.5 ³
Increase for the 15-year period,	-	22,124,612	34.8

(b) Stock and Materials.

1895,	- ²	-	-
1899,	\$24,734,000	-	-
1904,	24,426,000	\$308,000 ³	1.2 ³
1909,	31,183,000	6,756,000	27.7
1914,	30,989,623	192,377 ³	0.6 ³
Increase for the 15-year period,	-	6,255,623	25.3

(c) Wages Paid.

1895,	- ²	-	-
1899,	\$19,870,000	-	-
1904,	20,834,000	\$964,000	4.9
1909,	27,032,000	6,198,000	29.7
1914,	28,117,771	1,085,771	4.0 ³
Increase for the 15-year period,	-	8,247,771	41.5

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1895,	- ²	-	-
1899,	35,850	-	-
1904,	35,844	6 ³	.02 ³
1909,	44,179	8,335	23.3
1914,	41,361	2,818 ³	6.4 ³
Increase for the 15-year period,	-	5,511	15.4

¹ To conform with the Census classification, includes the following industries: Foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and heating apparatus; structural ironwork and, in 1914, automobile repairing.

² Through changes in classification, comparable figures are not available for 1895.

³ Decrease.

Leather, Tanned, Curried, and Finished.**(a) Product.**

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	\$23,068,400	-	-
1899,	26,067,714	\$2,999,314	13.0
1904,	33,352,999	7,285,285	27.9
1909,	40,002,079	6,649,080	19.9
1914,	45,265,434	5,263,355	13.2
Increase for the 19-year period,	-	22,197,034	96.2

(b) Stock and Materials.

1895,	\$16,489,120	-	-
1899,	19,793,757	\$3,304,637	20.0
1904,	23,040,897	3,247,140	16.4
1909,	28,765,508	5,724,611	24.8
1914,	33,194,061	4,428,553	15.4
Increase for the 19-year period,	-	16,704,941	101.3

(c) Wages Paid.

1895,	\$3,447,701	-	-
1899,	3,379,696	\$68,003 ¹	2.0 ¹
1904,	4,556,327	1,176,629	34.8
1909,	5,443,944	887,617	19.5
1914,	5,918,205	474,261	8.7
Increase for the 19-year period,	-	2,470,504	71.7

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1895,	7,176	-	-
1899,	7,010	166 ¹	2.3 ¹
1904,	9,074	2,064	29.4
1909,	10,252	1,178	13.0
1914,	10,164	88 ¹	0.9 ¹
Increase for the 19-year period,	-	2,988	41.6

¹ Decrease.

Paper and Wood Pulp.*(a) Product.*

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	\$22,789,053	-	-
1899,	22,141,461	\$647,592 ¹	2.8 ¹
1904,	32,012,247	9,870,786	44.6
1909,	40,096,713	8,084,466	25.3
1914,	43,352,545	3,255,832	8.1
Increase for the 19-year period,	-	20,563,492	90.2

(b) Stock and Materials.

1895,	\$13,849,426	-	-
1899,	11,918,802	\$1,930,624 ¹	13.9 ¹
1904,	17,946,726	6,027,924	50.6
1909,	22,349,613	4,402,887	24.5
1914,	26,610,748	4,261,135	19.1
Increase for the 19-year period,	-	12,761,322	92.1

(c) Wages Paid.

1895,	\$4,086,941	-	-
1899,	3,938,400	\$148,541 ¹	3.6 ¹
1904,	5,587,862	1,649,462	41.9
1909,	6,541,636	953,774	17.1
1914,	7,548,620	1,006,984	15.4
Increase for the 19-year period,	-	3,461,679	84.7

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1895,	9,760	-	-
1899,	9,061	699 ¹	7.2 ¹
1904,	11,705	2,644	29.2
1909,	12,848	1,143	9.8
1914,	13,401	553	4.3
Increase for the 19-year period,	-	3,641	37.3

¹ Decrease.

Printing and Publishing.¹*(a) Product.*

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	— ²	—	—
1899,	\$35,133,612	—	—
1904,	39,274,014	\$4,140,402	11.8
1909,	47,445,006	8,170,992	20.8
1914,	56,195,811	8,750,805	18.4
Increase for the 15-year period,	—	21,062,199	59.9

(b) Stock and Materials.

1895,	— ²	—	—
1899,	\$8,947,939	—	—
1904,	10,917,592	\$1,969,653	22.0 ³
1909,	12,880,551	1,962,959	18.0 ³
1914,	16,817,231	3,936,680	30.6 ³
Increase for the 15-year period,	—	7,869,292	87.9 ³

(c) Wages Paid.

1895,	— ²	—	—
1899,	\$8,606,813	—	—
1904,	9,044,044	\$457,231	5.3
1909,		2,619,590	28.9
1914,		1,582,675	13.5
Increase for the 15-year period,		4,659,496	54.1

(d) Wage

	Increase	Per Cent of Increase
— ²	—	—
1,899	—	—
5,112	213	1.4
17,532	2,420	16.0
18,170	638	3.6
—	3,271	22.0

book making; engraving, steel and copper
and publishing, book and job; printing
papers and periodicals.

Slaughtering and Meat Packing, including Sausage.**(a) Product.**

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1895,	- ¹	-	-
1899,	\$32,343,950	-	-
1904,	38,012,208	\$5,668,258	17.5
1909,	44,402,972	6,390,764	16.8
1914,	54,446,687	10,043,715	22.6
Increase for the 15-year period,	-	22,102,737	68.3

(b) Stock and Materials.

1895,	- ¹	-	-
1899,	\$28,590,690	-	-
1904,	33,880,585	\$5,289,895	18.5
1909,	38,886,139	5,005,554	14.8
1914,	47,475,817	8,589,678	22.1
Increase for the 15-year period,	-	18,885,127	66.1

(c) Wages Paid.

1895,	- ¹	-	-
1899,	\$1,339,810	-	-
1904,	1,594,601	\$204,791	14.7
1909,	1,837,166	242,565	15.2
1914,	2,141,451	304,285	16.6
Increase for the 15-year period,	-	751,641	54.1

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1895,	- ¹	-	-
1899,	2,874	-	-
1904,	3,027	153	5.3
1909,	3,325	298	9.8
1914,	3,582	257	7.7
Increase for the 15-year period,	-	708	24.6

¹ Comparable figures are not available.

Woolen and Worsted Goods (including Felt Goods).*(a) Product.*

CENSUS YEAR.	Value	Increase	Per Cent of Increase
1896,	\$54,236,708	—	—
1899,	72,972,297	\$18,735,589	34.5
1904,	99,313,895	26,341,598	36.1
1909,	140,665,034	41,351,139	41.6
1914,	130,348,514	10,316,520 ¹	7.3 ¹
Increase for the 19-year period,	—	76,111,806	140.3

(b) Stock and Materials.

1896,	\$32,550,925	—	—
1899,	44,542,334	\$11,991,409	36.8
1904,	62,777,588	18,235,254	40.9
1909,	87,296,605	24,519,017	29.1
1914,	83,077,423	4,219,182 ¹	4.8 ¹
Increase for the 19-year period,	—	50,526,498	155.2

(c) Wages Paid.

1896,	\$12,638,703	—	—
1899,	14,069,431	\$1,420,728	11.2
1904,	18,136,689	4,077,258	29.0
1909,	24,258,843	6,122,154	33.8
1914,	27,363,082	3,104,239	12.8
Increase for the 19-year period,	—	14,724,379	116.5

(d) Wage-Earners.

CENSUS YEAR.	Number	Increase	Per Cent of Increase
1896,	34,421	—	—
1899,	37,048	2,627	7.6
1904,	44,060	7,002	18.9
1909,	53,195	9,145	20.8
1914,	54,255	1,060	2.0
Increase for the 19-year period,	—	19,834	57.6

¹ Decrease.

The following table brings together the percentages of increase or decrease for six of the principal industries of the State for the 19 and the five-year periods, in comparison with similar percentages for the one-year period (1913-1914), since the canvass for these industries is complete each year, and the annual returns are, therefore, directly comparable with the Census totals; and also a table showing the growth of the population by five-year periods, since 1895, from which it appears that the increase in the number of wage earners employed in manufacturing industries is more than keeping pace with the increase in the number of inhabitants, although in some of these industries the progress of invention has apparently a tendency to make the rate of growth relatively less than is shown for All Industries, taken as a whole.

COMPARISONS FOR SIX PRINCIPAL INDUSTRIES.

Nineteen years. (1895-1914) Percentages of Increase.

ITEMS.	All Industries	Boots and Shoes	Cotton Goods, Including Cotton Small Wares	Woolen, Worsted, and Felt Goods	Electrical Machinery, Apparatus, and Supplies	Leather, Tanned, Curried, and Finished	Paper and Wood Pulp
Product,	123.4	91.8	113.7	140.3	656.7	96.2	90.2
Value of stock used, . .	129.4	91.2	152.3	155.2	525.6	101.3	92.1
Amount paid in wages, .	104.7	78.4	85.3	116.5	557.4	71.7	84.7
Average number of wage-earners.	58.6	42.3	37.1	57.6	429.2	41.6	37.3

Five years. (1909-1914) Percentages of Increase.

Product,	10.1	7.2	5.8	-7.3 ¹	55.9	13.2	8.1
Value of stock used, . .	12.1	5.3	14.0	-4.8 ¹	39.0	15.4	19.1
Amount paid in wages, .	13.3	11.4	12.4	12.8	29.7	8.7	15.4
Average number of wage-earners.	3.8	3.0	4.3	2.0	18.0	-0.9 ¹	4.3

One year. (1913-1914) Percentages of Decrease.

Product,	-3	-7.4	-6.9	+6.4 ²	-19.4	-3.0	-10.4
Value of stock used, . .	-	-8.1	-6.8	+11.1 ²	-29.6	-4.5	-11.1
Amount paid in wages, .	-	-7.9	-4.6	+12.2 ²	-25.8	-3.6	-7.9
Average number of wage-earners.	-	-5.3	-2.0	+7.4 ²	-23.7	-1.5	-6.6

¹ Decrease.² The figures for All Industries are not comparable.³ Increase.

Population.

CENSUS YEAR.	Population	Increase	Per Cent of Increase
1885,	2,500,183	—	—
1900,	2,805,346	305,163	12.2
1905,	3,003,680	198,334	7.1
1910,	3,366,416	362,736	12.1
1915,	3,693,310	326,894	9.7
Increase for the 20-year period,	—	1,193,127	47.7

THE CITIES.

The aggregate value of product for the 33 cities of the State rose from \$1,087,396,052 in 1909 to \$1,217,496,216 in 1914 and exhibits an increase amounting to a little over \$130,000,000, or 11.9 per cent, slightly higher than that shown for the State as a whole for the five-year period. Gains are shown for each of 25 cities, but there are eight cities which show decline in product value during the half-decade, the most important falling off being in the city of *Lawrence* whose product in 1909 had registered nearly eighty millions of dollars, (\$79,992,668). In 1914, owing principally to the decline in the woolen goods industry the total was \$73,177,803, or a loss of about 8½ per cent, — in strong contrast to the preceding half-decade, 1904–1909, for which period there was a gain of 66.5 per cent. *Lowell*, owing also to the adverse conditions in the textile industries, shows decline of seven per cent in the five years ending December, 1914. The city of *Lynn* shows decrease for the semidecade of 2.4 per cent, due largely to decreased production in the boot and shoe industry. A slight decrease for the period is shown for *Chelsea*, — two-tenths of one per cent; a decline of 3.8 per cent in *Marlborough*, of 6.3 per cent in *Salem*; of 7.3 per cent in *Newton*; and of 11.5 per cent in *Melrose*.

Except for the increase in the industry *Printing and publishing*, there were no very important increases in the city of *Boston* during the five-year period. This, however, measured by product value, is the most important industry in the municipi-

pality and presents an increase for the half-decade — all establishments being canvassed and full and complete returns being made in both years — of about \$5,228,000, the totals rising from \$28,021,168 in 1909 to approximately \$33,249,000, or a gain of about 19 per cent. A substantial increase is shown in *Foundry and machine-shop products*¹ for the half-decade, from \$13,474,000 to \$17,053,000; in *Confectionery*, from \$10,341,275 to \$14,795,919; in *Coffee and spice roasting and grinding*, a gain from \$5,307,987 to \$8,463,495. Although *Men's clothing* remained practically stationary, approximately 14 millions of dollars in both years, *Women's clothing* advanced from \$7,841,740 to \$9,608,758. Substantial gains are shown also for *Hosiery and knit goods* and for *Slaughtering and meat packing*. For All Industries the value of product rose from \$237,457,472 in 1909 to \$284,802,479 in 1914, the average number of wage earners rose from 69,637 in 1909 to 78,894 in 1914 a gain of 13 per cent, and the amount paid in wages rose from \$39,909,807 to \$49,444,277 or nearly 24 per cent.

Brockton in her principal industry, *Boots and shoes*, exhibits an advance of approximately eight per cent for the five years, from \$32,464,288 to \$35,032,665, but as a matter of fact there was absolute recession from the level reached in 1913 when the total stood at \$37,601,925. *Boot and shoe cut stock and findings* rose from \$6,828,830 in 1909 to \$9,089,460 in 1914.

Cambridge is rapidly assuming an increasingly important industrial position, and is indebted to Boston, from which city they removed, for some of her latest enterprises. Gains in the last half-decade appear for *Confectionery*, from \$1,909,771 in 1909 to \$3,285,724 in 1914; *Foundry and machine-shop products*,¹ from \$4,789,000 to \$5,333,000; *Printing and publishing* from \$3,368,000 to \$4,020,000. There are also several industries for which the totals cannot be given without disclosing the operations of individual establishments, but which contributed largely to her industrial welfare. The average number of wage earners, taking All Industries into the account, rose from 15,260 in 1909 to 16,749 in 1914 and the total amount paid in wages from \$8,365,454 to \$10,216,990.

¹ Includes foundry and machine-shop products; hardware; plumbers' supplies; steam fittings and heating apparatus; structural ironwork; and, in 1914, automobile repairing.

In her most important industry, *Boots and shoes, Chelsea* maintained her position during the five-year period, the value of product rising from \$4,199,936 to \$5,466,898, or a gain of more than 30 (30.2) per cent, but the city as a whole, as has been stated, shows slight decline in 1914.

Fall River, taking all industries into the account, exhibits no remarkable activity, the value of goods for the five-year period ending in 1914 standing at \$64,663,146 as against \$64,145,726 in 1909. As compared with the year 1913, however, decline appears, product value in that year to the amount of \$65,221,733 being reported. The output in her principal industry, *Cotton goods, including Cotton small wares*, rose from \$48,576,114, 45 establishments reporting in 1909, to \$49,995,011 in 1914, 51 establishments reporting, an increase of less than three (2.9) per cent, and a decrease as compared with 1913, when the total in this industry was \$50,606,409.

Like *Fall River*, manufactures in the city of *Fitchburg* were also practically stationary, the total product value at the end of 1914, \$23,983,352, being practically identical with the total for 1909, \$23,252,155, and in two of her important industries, namely, *Cotton goods* and *Foundry and machine-shop products* a decline is shown, the product values falling, respectively, from \$5,412,633 to \$4,789,023 and from \$1,625,870 to \$1,253,506. As compared with 1913, a decline in value of product appears, an aggregate of \$24,831,346 being reported for that year.

Gloucester exhibits gain in her industries as a whole, \$7,753,463 in 1909 and \$8,533,964 in 1914, and also in her principal source of wealth, namely, *Canning and preserving fish*, the total increasing from \$4,531,062 in 1909 to \$4,906,580 in 1914.

Haverhill advanced in product value nearly 20 (19.9) per cent over 1909, the total for 1914 being \$42,409,246 as against \$35,376,617, the increase appearing in her principal industry, *Boots and shoes* with the allied products *Boot and shoe cut stock and findings*, for which the totals for 1914 were \$35,641,354 as against \$29,149,609 in 1909, although in this city as in *Brockton* and *Lynn* there was recession from the record for 1913 which for these industries stood at \$37,095,080.

Holyoke exhibits gain in her manufactures as a whole, \$44,041,155 in 1914 and \$40,097,224 in 1909 and also in the two

important sources of her industrial prosperity, *Paper and Paper goods*, the product for the former being \$13,178,525 and \$12,304,800 in 1914 and 1909, respectively, and for the latter, \$1,931,564 in 1914 as against \$1,086,854 in 1909. The average number of wage earners in All Industries increased from 16,513 in 1909 to 17,493 in 1914. In 1913 the establishments reporting had a product value aggregating \$45,904,797.

Lawrence shows decline for the city as a whole, of 8.5 per cent in 1914 as compared with 1909, and in two of her important industries, namely, *Woolen and worsted goods*, which fell from \$56,206,736 in the earlier year to \$51,584,497 in 1914 and in *Foundry and machine-shop products* which fell from \$1,720,443 to \$1,443,267. Manufactures of *Cotton goods, including Cotton small wares*, exhibits increase from \$6,825,500 in 1909 to \$7,143,127 in 1914.

Lowell, like *Lawrence*, exhibits decrease in the total output of her factories, from \$60,270,961 to \$56,048,641, the loss amounting to seven per cent in 1914. Losses are shown for nearly all of the industries appearing in Table I b, pages 22 and 23, but particularly in her principal industries, the textiles, the decline in *Cotton goods, including Cotton small wares*, being from \$24,744,240 to \$23,178,333, and in *Woolen and worsted goods* from \$6,105,083 to \$3,923,754. *Foundry and machine-shop products* also shows decline, \$4,332,969 in 1909 and \$2,788,452 in 1914. The establishments reporting in 1913 had an aggregate product value of \$59,322,088.

Decline is shown for *Lynn* as compared with totals five years previously, when the value of goods made stood at \$71,503,140, the product for the year ending December, 1914, being only \$69,783,418. The value of her *Boots and shoes* and of the output of her tanneries decreased, the former from \$34,620,870 to \$30,066,815 or upwards of 13 per cent, and the latter from \$5,093,927 to \$3,848,671, or 24.4 per cent. Her output in *Boot and shoe cut stock and findings* increased, however, from \$12,038,839 to \$13,824,243, with an increase in the manufacture of *Lasts*, \$266,207 in 1909 and \$389,107 in 1914. The total product value registered for establishments reporting in 1913, higher than either 1909 or 1914, was \$78,947,766.

New Bedford, in happy contrast, exhibits general increase for

all industries, the total product rising from \$53,237,839 in 1909 to \$65,575,005 in 1914, or 23.2 per cent, her principal industry, *Cotton goods, including Cotton small wares*, advancing from \$42,505,007 to \$51,766,234, an increase of 21.8 per cent. New Bedford, five years ago, surpassed by both Fall River and Lowell, now leads those textile centres, the order in 1914, on the basis of product value, being New Bedford, \$65,575,005; Fall River, \$64,663,146; and Lowell, \$56,048,641. The aggregate for 1914 for the city as a whole, however, fell off from the 1913 level, which was \$69,466,482.

Newburyport presents increase in total output of 19 per cent in 1914; and, in her principal industry, *Boots and shoes*, increase from \$3,000,467 in 1909 to \$3,646,541 in 1914 is shown.

North Adams exhibits no special advance over 1909, the total manufactures being \$10,314,847 in that year as against \$10,922,575 in 1914.

Substantial increase appears for *Northampton*, from \$6,998,992 to \$8,580,730 or 22.6 per cent in five years, and a somewhat smaller gain for *Quincy* whose product rose from \$10,505,403 to \$12,097,452, or a gain of 15.2 per cent.

Pittsfield's gain over 1909 is one of the notable features of the 1914 Census, the total for All Industries in 1909 standing at \$15,215,202 and in 1914 at \$22,241,237, the gain of over 46 per cent being largely due to increased production in her electrical machinery industry, separate figures for which cannot be given because of there being but one establishment engaged in the industry. The product value reported in 1913, however, \$23,919,923, was greater than either 1909 or 1914.

Salem shows decline both as to her product value, as a whole, from \$14,576,276 in 1909 to \$13,652,586 in 1914, and in one of her principal industries, namely, *Boots and shoes*, from \$5,468,128 to \$4,665,750. Still further decline appears as compared with 1913, when a total product of \$17,344,566 was reported, the decrease being partly due to a disastrous fire which took place in that city during the Census year.

Somerville shows a substantial increase in total product as compared with 1909, from \$38,686,527 to \$43,971,291, an advance of 13.7 per cent, the gain being due in large measure to increased output in the slaughtering and meat packing indus-

tries, but recession as compared with 1913 is noted, a total of \$50,279,057 being reported for that year.

Springfield, with great diversification of industry, shows material gain over 1909, the total product rising from \$31,772,-815 to \$44,428,854, or 39.8 per cent. In 1913, the value of product reported was \$43,509,139.

The totals for *Taunton* show little gain over 1909, \$15,379,821 to \$15,885,812. Increase appears for *Cotton goods*, from \$4,912,-758 to \$5,379,096 or 9.5 per cent, but a decrease in the output of *Foundry and machine-shop products*, from \$2,042,146 to \$1,292,495. As compared with the 1913 level, \$16,282,425, *Taunton* exhibits decrease.

Waltham had substantial gain in All Industries from \$7,814,-178 in 1909 to \$10,236,912 in 1914, the watch industry, for which the figures cannot be separately given, forming her chief source of industrial activity. But, if 1914 data be compared with the product for establishments reporting in 1913, \$11,571,080, a decline is noted.

Woburn shows only slight advance, \$5,408,081 in 1909 to \$5,517,806 in 1914, her principal source of wealth, *Leather tanned, curried, and finished*, showing almost no change over the total five years ago, — \$3,451,202 in 1914 as against \$3,415,105 in 1909, and there was decline for the city as a whole as compared with the aggregate for establishments reporting in 1913, when the amount was \$6,025,416.

In *Worcester*, taking account of all industries, the increase in 1914 over 1909 amounted to \$5,681,472 or 7.4 per cent. The gains, however, are inconsiderable and appear in her less important industries, including *Boots and shoes* which rose from \$2,322,138 to \$2,627,744. The value of product in *Foundries and machine-shops*, however, shows decline, as well as the output of her textile industries and there was also recession as compared with 1913 in which year the establishments reported a product value of \$89,707,793 as against \$82,829,356 in 1914.

A table with percentages of increase or decrease for cities, by Census years since 1895 is given, and also a comparison between 1914 and 1913 from which it appears that notwithstanding the more complete canvass in the later year, the totals in 21 out of 33 cities fail to reach the level of 1913.

THE 33 CITIES.

[Arranged in order of Product Value in 1914.]

CITIES.	VALUE OF PRODUCT					PER CENT OF INCREASE				
	1886	1899	1904	1909	1914	1899 over 1886	1904 over 1899	1909 over 1904	1914 over 1909	1914 over 1886
The State.	\$734,452,132	\$907,636,439	\$1,124,092,051	\$1,490,529,266	\$1,641,373,047	23.5	23.8	32.6	10.1	123.4
Boston.	130,423,010	162,764,523	184,351,163	227,457,472	284,802,479	24.8	13.3	28.8	19.9	118.4
Worcester.	34,771,192	46,793,372	52,144,965	57,147,884	62,839,356	34.6	11.4	47.9	7.4	138.2
Lowell.	26,339,131	41,741,980	48,036,593	79,992,668	73,177,803	58.2	15.1	66.5	8.5	177.3
Lynn.	31,780,744	38,347,493	55,003,023	71,503,140	66,733,418	24.0	39.8	30.0	2.4	120.0
New Bedford.	18,637,142	23,397,491	29,469,349	53,337,839	65,676,005	25.5	26.0	47.6	23.2	251.9
Fall River.	32,330,351	39,102,710	42,473,105	64,145,796	64,683,146	21.0	11.2	40.7	0.8	100.1
Cambridge.	34,246,041	39,092,103	42,407,054	44,237,395	57,483,949	15.0	45.8	4.3	30.0	67.9
Lowell.	36,645,119	41,202,984	46,879,212	60,370,961	66,048,041	12.4	13.8	28.6	7.0	52.9
Brockton.	20,432,248	24,855,362	37,790,932	45,972,358	51,259,131	21.5	52.0	21.6	11.5	150.5
Worcester.	20,751,478	18,155,071	25,860,250	31,772,815	44,428,384	30.6	42.4	22.9	39.8	219.6
Worcester.	20,751,478	24,092,610	30,731,332	40,097,234	44,941,151	16.1	27.6	30.5	9.8	112.2
Worcester.	14,113,045	20,064,519	22,935,197	35,376,617	43,971,291	42.2	14.4	68.5	13.7	211.6
Worcester.	19,135,053	23,418,790	24,446,594	35,376,617	43,971,291	22.5	4.4	44.7	19.9	121.7
Worcester.	6,230,296	6,388,980	7,715,653	19,219,166	28,860,132	14.2	43.2	149.1	50.2	359.7
Worcester.	9,163,539	13,008,021	15,390,507	23,252,155	33,983,352	41.9	18.3	51.1	3.1	161.6
Worcester.	5,239,984	5,753,546	8,577,358	15,215,202	22,241,237	8.8	49.1	77.4	46.2	320.4
Worcester.	8,140,290	9,518,700	13,879,159	17,002,482	16,971,028	16.9	45.8	22.5	0.2	108.5
Worcester.	9,199,890	11,644,160	13,644,586	15,379,821	15,885,812	25.5	18.2	12.7	3.3	72.7
Worcester.	10,711,026	12,202,217	14,576,276	17,466,276	13,642,586	16.5	13.9	19.5	6.3	48.5
Worcester.	1,390,976	4,437,180	6,135,650	8,746,923	13,219,200	219.0	38.2	42.6	51.1	850.4
Worcester.	3,055,338	3,011,950	8,032,446	10,505,403	12,907,453	1.4	25.2	17.0	15.2	295.9
Worcester.	8,831,551	10,741,495	8,935,705	10,314,847	10,922,575	21.6	21.4	28.4	5.9	23.7
Worcester.	4,199,261	5,889,792	7,468,849	10,352,277	9,983,632	14.8	66.0	39.0	31.0	143.8
Worcester.	5,278,915	4,498,385	7,468,849	8,652,547	8,774,137	111.0	25.1	11.0	1.4	89.1
Worcester.	3,006,588	3,781,498	4,101,168	6,998,992	6,580,730	20.3	23.3	21.6	22.6	119.3
Worcester.	3,913,385	4,704,820	5,756,331	7,753,463	8,533,964	32.9	10.0	12.0	10.1	80.3
Worcester.	6,542,479	6,292,772	6,920,984	8,205,852	8,366,344	0.9	70.2	27.0	2.0	37.9
Worcester.	4,732,423	6,602,462	11,235,635	6,931,049	8,245,968	8.6	32.5	1.8	19.0	74.2
Worcester.	3,374,273	3,679,273	4,140,996	6,278,714	5,822,853	11.4	12.5	61.6	7.3	76.3
Worcester.	2,304,066	3,679,273	4,140,996	5,048,081	5,617,806	24.3	16.3	16.2	2.0	4.4
Worcester.	5,296,639	4,002,576	4,654,067	2,045,289	2,618,893	11.5	23.0	134.6	28.0	157.9
Worcester.	1,015,379	1,132,131	871,320	2,834,669	2,499,029	19.6	176.6	70.1	11.5	12.5
Worcester.	2,867,582	3,416,240	9,450,929							

1 Decrease.

[Arranged in order of Product Value in 1914.]

CITIES.	1914	1913
Totals,	\$1,217,496,216	\$1,218,799,343
Boston,	284,802,479	252,322,872
Worcester,	82,829,356	89,707,793
Lawrence,	73,177,803	70,205,214
Lynn,	69,783,418	78,947,766
New Bedford,	65,575,005	69,466,482
Fall River,	64,663,146	65,221,733
Cambridge,	57,483,949	51,863,096
Lowell,	56,048,641	59,322,088
Brockton,	51,259,131	53,480,638
Springfield,	44,428,854	43,509,139
Holyoke,	44,041,155	45,904,797
Somerville,	43,971,291	50,279,067
Haverhill,	42,409,246	43,671,548
Chicopee,	38,869,152	31,126,691
Fitchburg,	23,983,352	24,831,346
Pittsfield,	22,241,237	23,919,923
Chelsea,	16,971,028	16,167,466
Taunton,	15,885,812	16,282,425
Salem,	13,652,586	17,344,566
Everett,	13,219,200	11,603,469
Quincy,	12,097,452	12,922,051
North Adams,	10,922,575	10,324,309
Waltham,	10,236,912	11,571,080
Marlborough,	9,983,632	9,481,706
Beverly,	8,774,187	7,536,281
Northampton,	8,580,730	8,664,096
Gloucester,	8,533,964	8,211,735
Malden,	8,366,344	7,866,779
Newburyport,	8,245,998	8,597,144
Newton,	5,822,853	5,295,231
Woburn,	5,517,806	6,025,416
Medford,	2,618,893	2,633,117
Melrose,	2,499,029	2,502,289

METROPOLITAN BOSTON.

The data for Metropolitan Boston are given in Table I c, pages 32 to 39. The total value of product for 1914, a full and complete canvass of the industries being taken, was \$584,115,582, and the relative position of the first five cities in importance in 1909 did not change for the semidecade ending in 1914, namely, *Boston*; *Lynn*; *Cambridge*; *Somerville*; and *Chelsea*; — the sixth place was held by the town of *Watertown*, both in 1914 and 1909; *Everett* and *Quincy* exchanged places, seventh and eighth, respectively; and *Waltham* and *Malden* exchanged places, ninth and tenth, respectively, while the towns of *Weymouth* and *Wakefield*, next in order in 1914, surpassed in product value and amount paid in wages the cities of *Newton* and *Woburn*.

Boston advanced in product value approximately 20 per cent during the five-year period, the rate being somewhat slower than for the preceding half-decade, 1904 to 1909 (28.8 per cent), while *Lynn*, second city in importance, shows absolute loss in the value of goods produced of nearly \$2,000,000, or about two and one-half per cent. A slight loss is shown for *Chelsea*, and a decline of 7.3 and 11.5 per cent, respectively, for the cities of *Newton* and *Melrose*. Of the important industrial cities, *Cambridge* shows the greatest gain in the five-year period, upwards of \$13,000,000 or 30 per cent. Gains are also shown for *Everett* and *Waltham* of 51 and 31 per cent, respectively, as against an advance of 43 and nine per cent, respectively, in the preceding half-decade. *Quincy* shows an increase of 15 per cent as against 17 per cent in the period 1904 to 1909. The towns of *Weymouth* and *Braintree* show advance of 24.5 and 29.4 per cent, respectively, as against 34.6 and 46.4 per cent, respectively, in the semidecade ending in 1909, while substantial increase in 1914 is shown for the town of *Canton*, 96 per cent as compared with 1909.

As regards comparisons with the year 1913, *Boston* exhibited a value of product of \$252,222,872 and \$284,802,479 in 1914. This city, however, having its product value increased in 1914 by the inclusion of the complete industries *Printing and publishing*, of which it is the principal center, and also by the

value of product in *Gas (illuminating and heating)*, which industries, as already stated, were not covered in the 1913 canvass, — the apparent increase shown in 1914 should not be attributed to extended production in that year.

Of the cities in the Metropolitan District, other than Boston, *Cambridge* and *Everett* show higher product value in 1914 than in the previous year. Gains, inconsiderable in amount are also shown for *Chelsea*, *Malden*, and *Newton*. On the other hand, as compared with 1913, absolute recession is shown for the city of *Woburn* in both value of product and cost of materials used. Similar conditions are shown for *Lynn*, *Somerville*, *Medford*, *Melrose*, and *Quincy*.

Of the principal industries within the area, *Boots and shoes*, which contributed nearly \$66,000,000 to the output of the Metropolitan District in 1913, fell to \$61,322,454 in 1914, while for the allied products, *Boot and shoe cut stock and findings*, the amounts were practically identical, \$30,015,043 in 1914 as against \$29,992,718 in 1913. The *Men's clothing* industry shows a decline of about \$2,000,000 in 1914 as compared with the previous year, falling from 16 to 14 millions of dollars, the value of *Women's clothing* remaining practically stationary, \$10,672,907 in 1913 and \$10,881,225 in 1914. *Electrical machinery, apparatus, and supplies* fell off more than one-fourth in production, or from \$34,328,911 in 1913 to \$25,346,354 in 1914. *Foundry and machine-shop products*¹ shows decline from \$29,575,315 in 1913 to \$26,577,736 in 1914, and *Slaughtering and meat packing* fell from \$45,610,052 to \$41,866,338. The only important industries showing gains are *Confectionery*, which increased in product value from \$17,991,321 in 1913 to \$18,368,949 in 1914, and *Leather, tanned, curried, and finished*, which exhibits the slight increase from \$12,116,985 in 1913 to \$12,242,772 in 1914.

The *Printing and publishing* industry, excluding newspapers and periodicals, reported a product value of \$10,144,012 in 1913. For 1914, the total was upwards of \$35,000,000, nearly \$20,000,000 of which was returned from establishments engaged in the printing and publishing of newspapers and periodicals.

¹ In accordance with the grouping of the Federal Census office, the following industries are included: Foundry and machine-shop products; hardware; plumbers' supplies; steam fittings and heating apparatus; structural ironwork; and, in 1914, automobile repairing.

It is apparent, therefore, that but for this additional \$20,000,000 in *Printing and publishing (newspapers and periodicals)* and the \$8,524,168 contributed by the industry *Gas, illuminating and heating*, the Metropolitan District, as a whole, would have shown absolute decline in 1914 as compared with the record of the previous year which, without these industries, amounted to \$560,390,104.

The data for value of product, with percentages of increase or decrease for the Census years, are given in the following table.

METROPOLITAN BOSTON, 1895-1914.

[Arranged in order of Product Value in 1914.]

CITIES AND TOWNS.	VALUE OF PRODUCT				PER CENT OF INCREASE			
	1895	1904	1909	1914	1904 over 1895 (9 years)	1909 over 1904 (5 years)	1914 over 1909 (5 years)	1914 over 1895 (19 years)
Metropolitan Boston.	\$379,150,660	\$418,903,402	\$510,533,337	\$584,115,533	53.9	21.9	14.4	114.6
Boston,	130,423,010	184,351,163	237,457,472	284,802,479	41.3	28.8	19.9	118.4
LYNN,	31,720,744	55,003,023	71,503,140	96,783,418	73.4	30.0	2.4 ¹	130.0
CAMBRIDGE,	34,246,041	42,407,064	44,227,396	57,483,949	23.8	4.3	30.0	67.9
SOMERVILLE,	14,113,045	22,956,197	33,686,527	43,971,291	62.7	68.5	13.7	211.6
CHELSEA,	8,140,290	13,879,159	17,002,492	16,971,028	70.5	22.5	0.2 ¹	108.5
Watertown,	2,617,160	15,524,675	11,545,555	14,764,326	493.2	25.6 ¹	27.9	464.1
EVERETT,	1,390,976	6,135,650	8,746,923	13,219,200	841.1	42.6	51.1	880.4
QUINCY,	3,065,338	8,982,446	10,505,408	12,097,453	194.0	17.0	15.2	285.9
WALTHAM,	4,199,361	7,149,697	7,814,178	10,236,912	70.3	9.3	31.0	143.8
MALDEN,	6,542,307	11,235,635	9,205,852	8,366,344	71.7	27.0 ¹	9.0	27.9
Weymouth,	4,732,718	4,921,955	6,637,168	8,251,041	4.0	34.6	24.5	74.3
Wakefield,	2,705,892	4,807,728	5,527,102	6,087,059	77.7	15.0	9.6	123.9
NEWTON,	3,304,066	4,140,996	6,275,714	5,822,853	25.3	51.6	7.3 ¹	76.2
WOBURN,	5,280,639	4,654,067	5,408,081	5,517,806	12.0 ¹	16.2	2.0	4.4
Winchester,	2,153,687	3,180,321	4,094,684	5,169,479	47.7	28.7	26.0	139.6
Braintree,	1,415,279	2,433,576	3,562,147	4,608,791	72.0	46.4	29.4	225.6
Canton,	1,984,662	1,713,457	1,633,804	3,201,761	12.3 ¹	4.6 ¹	96.0	63.8

MEDFORD,	1,015,379	871,820	2,045,880	2,618,808	14.1 ¹	134.6	28.0	187.9
MELROSE,	2,837,882	9,450,929	2,834,669	2,490,029	230.7	70.1 ¹	11.5 ¹	12.5 ¹
Stoneham,	2,228,886	2,948,031	3,247,645	2,481,775	32.8	10.2	23.6 ¹	11.8
Needham,	577,230	688,024	1,432,240	1,914,023	19.2	108.2	23.6	231.6
Brookline,	1,064,107	732,845	532,303	668,502	31.1 ¹	27.4 ¹	23.7	38.1 ¹
Arlington,	290,831	493,208	695,356	641,092	69.8	41.0	7.8 ¹	120.7
Wellesley,	445,108	349,570	608,586	627,240	21.5 ¹	73.5	3.4	40.9
Dedham,	556,014	1,326,665	669,059	437,690	133.6	50.0 ¹	36.1 ¹	23.1 ¹
Belmont,	61,667	94,433	109,247	387,443	43.1	15.7	254.6	538.3
Revere,	182,834	335,060	407,336	349,606	94.2	14.7	14.3 ¹	91.3
Lexington,	112,599	160,440	303,224	336,343	42.5	89.0	10.9	198.7
Milton,	216,975	309,135	413,457	176,742	42.5	33.7	57.3 ¹	18.5 ¹
Hingham,	- ²	- ²	213,415	166,756	-	-	21.9 ¹	-
Winthrop,	39,675	23,516	42,168	77,994	40.7 ¹	79.3	85.0	96.6
Saugus,	638,377	408,087	590,799	70,645	36.1 ¹	44.8	88.0 ¹	88.9 ¹
Swampscott,	65,537	75,303	35,276	54,802	14.7	53.1 ¹	55.4	16.4 ¹
Hyde Park,	3,491,622	6,739,307	7,336,084	- ³	93.0	8.9	-	-
Westwood,	- ⁴	- ⁴	7,106	- ⁵	-	-	-	-
Other towns,	305,342 ¹	400,850 ¹	245,441 ¹	311,128 ¹	-	-	-	-

¹ Decrease.² Included in other towns.³ Included in Boston, to which city it was annexed in 1912.⁴ Part of Dedham.⁵ Includes Dover, Weston, and Hingham. There were no manufacturing establishments in Cohasset, Hull, and Nahant.⁶ Includes Cohasset, Dover, Hingham, Hull and Weston. There were no manufacturing establishments in Nahant.⁷ Includes Cohasset, Dover, Hull, Nahant, and Weston.⁸ Includes Cohasset, Dover, Hull, Nahant, Weston, and Westwood.

THE TOWNS.

The aggregate value of product for the towns of the State in 1914 was \$423,876,831, exhibiting an increase in the half-decade since 1909, — the total for that year being \$403,133,334, — of \$20,743,497, or a little over five (5.1) per cent. The towns of the State in 1913, however, notwithstanding the restricted canvass in that year, reported a product value of \$442,019,020, \$18,142,189 in excess of the subsequent census total. Absolute decline appears for the average number of wage earners as compared with the years 1909 and 1913, respectively, 170,122 and 172,243, as against 167,868 in 1914.

Peabody ranks first among the towns of the State in manufactures, and also has the distinction of being the chief center of the leather tanning and finishing industry in the country. The product value in 1914 for All Industries was \$18,441,906 as against \$15,548,732 in 1909. *Attleborough* and *North Attleborough*, centers of the jewelry industry in Massachusetts, had a combined product in 1914 of \$18,814,609, exhibiting absolute decrease over the product five years ago which was \$21,580,407, and over the product value reported for 1913 which amounted to \$23,187,661. *Plymouth*, associated with the manufacture of Cordage and twine, exhibited a total product of \$13,904,545, as against \$11,618,020 in 1909, and a decline as compared with 1913, when the product value reported was \$14,374,254. The town of *Leominster*, practically stationary, had a product value of \$10,838,024 in 1914 as against \$10,530,815 in 1909. In 1913, the total value of product registered was \$10,072,551. The value of product in *Watertown*, exclusive of the work done at the United States Arsenal, rose from \$11,545,555 in 1909 to \$14,764,326 in 1914, or an increase of 27.9 per cent, but as compared with 1913 a decline appears, the value of product registered in that year being \$15,153,987. The towns of *Norwood* and *Easthampton* are the only other municipalities having a product value in excess of \$10,000,000 in 1914, and of these the town of *Norwood*, where leather tanning and finishing and the manufacture of paper are the principal industries, shows a substantial increase in the last half-decade, the product in 1914 being \$10,897,834 as against

\$5,005,783 in 1909. *Easthampton*, whose textile industries are of chief importance, shows a product value in 1914 of \$10,019,-360 as against \$8,466,082 in 1909.

CHARACTER OF OWNERSHIP.

Table II, pages 48 to 51, gives data regarding character of ownership for 20 selected industries and for All Industries, from which it appears that the great bulk of the manufacturing business of the State is carried on under the corporate form of management and that the tendency is towards still further consolidation. Of the total output in 1914, \$1,641,373,047, 82 per cent, or more than four-fifths, was produced in establishments operated by corporations, as against 79.4 per cent five years ago and these corporations employed 82.9 per cent of the total number of wage earners in 1914, as against 80.1 per cent in 1909. Establishments conducted under individual ownership had seven per cent of the wage-earners and produced seven per cent of the total output, or \$117,430,275, in 1914, — while partnerships and other forms of business management produced a slightly larger amount, \$174,-131,395, — 10.6 per cent of the total output, — and employed 9.8 per cent of the wage-earners in manufacturing industries in 1914.

The *value added by manufacture*, shown in the last column of the table, is obtained by deducting, from the gross product, the value of stock and materials used. In other words, it is the result of the combination of three factors, namely, — the amount of capital invested, the amount disbursed in wages, and the amount paid for management. This *added value*, in 1914, for All Industries, was \$709,989,254. The rank of the leading industries, measured by *added value*, somewhat different from their rank measured by *gross value*, is as follows:

<i>Added Value.</i>	<i>Gross Value.</i>
1. Boots and shoes.	1. Boots and shoes.
2. Cotton goods, including cotton small wares.	2. Cotton goods, including cotton small wares.
3. Foundry and machine-shop products.	3. Woolen and worsted goods, including felt goods.
4. Woolen and worsted goods, including felt goods.	4. Foundry and machine-shop products.
5. Printing and publishing.	5. Printing and publishing.
6. Electrical machinery, apparatus, and supplies.	6. Slaughtering and meat packing.
7. Paper and wood pulp.	7. Leather, tanned, curried, and finished.
8. Leather, tanned, curried, and finished.	8. Electrical machinery, apparatus, and supplies.
	9. Paper and wood pulp.

It will be noted that the rank of Boots and shoes and Cotton goods, measured by *added value*, is unchanged, first and second, respectively. Foundry and machine-shop products and Woolen and worsted goods exchanged places, third and fourth, respectively; Electrical machinery, apparatus, and supplies rises from eighth to sixth position; and Paper and wood pulp displaces Leather, tanned, curried, and finished, for while the gross value of product is similar, \$43,352,545 and \$45,265,434, respectively, the *added value* in the paper industry is \$16,741,797 and only \$12,071,373 in Leather. The *added value* in Printing and publishing, fifth in rank, was \$39,377,000, but this is due to the necessarily high overhead charge for educational work, peculiar to the industry, which must be paid for in the form of salaries; and, as previously stated, to the relatively large amount received for advertising. Slaughtering and meat packing loses rank as a *leading* industry and falls to 21st place among the industries of the State.

The value added by manufacture formed about 60 per cent of the total output in both Foundry and machine-shop products and Electrical machinery, apparatus, and supplies, indicating the importance of the labor factor in these industries and the relatively less important position of the cost of stock and materials used. In Boots and shoes and Cotton goods the added value is approximately 40 per cent of the total; in Paper and wood pulp, 38.6 per cent; in Woolen and worsted goods, 36.3 per cent; and in Leather, tanned, curried, and finished, 26.6 per cent.

EMPLOYMENT: BY MONTHS.

The average number of wage-earners in All Industries in 1914 as shown in Table I a, pages 2-10, aggregated 606,698. On January 15, 1914, 626,776 wage-earners were reported, the number increasing to 628,535 in February and attaining the maximum, 633,583 in March. From this point, the curve of employment tends continuously downward, until, in the month of August, at the outbreak of the European War, 588,703 wage-earners appear, a decline as compared with the maximum shown in March, of 44,880, or a little over seven per cent. A very slight recovery appears for September and October but a decline again in November, lower than before, while the month of

December, 1914, with 580,489 wage-earners, exhibits the greatest variation from the maximum, and consequently the greatest percentage of unemployment during the Census year, and greater also than for any year since the industrial depression of 1908, as appears from the chart opposite page xlv.

For *Boots and shoes*, the maximum of employment appears in the month of January, 82,818 wage earners employed, the percentages of decline ranging from 0.2 per cent in February to 10.6 in September, and in October the lowest point for the year was reached, the number employed on the 15th of that month, 72,023, being about 87 per cent of the maximum, or equivalent to 13 per cent of unemployment, and showing only a slight tendency to recovery up to December, when there were 75,478 wage earners employed.

For *Cotton goods, including Cotton small wares*, January being the month of maximum employment, 118,455, the curve of employment tends steadily downward through each month of the year, the lowest point being reached in August, 109,008, with about eight per cent of unemployment and only partial recovery in the last quarter, ending in December with the employment of 110,634 wage-earners.

In *Woolen and worsted goods*, on the contrary, beginning in January with 51,610 wage earners, increase is shown for each month, the maximum appearing in April, 57,036, continuing at a fairly high level until the month of December when a sharp drop to 47,187 wage-earners appears, equivalent to 17 per cent of unemployment.

The industry *Paper and wood pulp* exhibits fairly regular employment throughout the year, the fluctuations from the maximum, 13,658 wage earners, being but slight, and exhibiting corresponding percentages of unemployment ranging from less than one per cent in March to a little over four per cent in August.

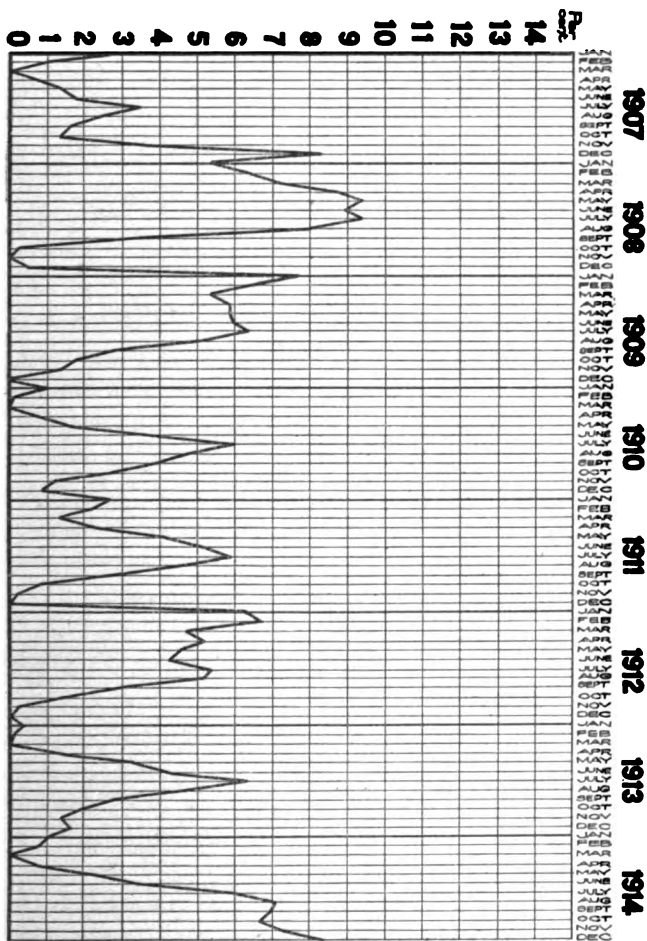
Leather, tanned, curried, and finished, shows maximum employment in February, 10,931 wage earners, and minimum in August, 9,197 wage earners, or approximately 16 per cent of unemployment. As in the other industries, greater fluctuations appear during the last six months than for the earlier half of the year, with improvement in conditions during November and December.

Employment in the industry *Electrical machinery, apparatus, and supplies* ranged from 18,644 wage earners in January, the month of maximum employment, to 15,126 in December, in which month employment was only 81 per cent of the maximum. Employment in this industry fell off appreciably below the level of 1913, when the maximum was 23,473 and the minimum 20,324.

CLASSIFIED WEEKLY WAGES.

Table IV, pages 62 to 103, presents classified weekly wages for 1914. This inquiry was not included in the scope of the Census schedule, but was considered sufficiently important to be taken up by separate canvass by the Massachusetts Bureau in order to preserve the continuity of the reports from year to year and to supply information upon a subject which is of general interest. The data were reported, generally, for the week of greatest employment and for All Industries relate to 630,186 wage-earners, of whom, 411,115, or 65.2 per cent were adult males; 175,134, or 27.8 per cent, adult females; and 43,937, or seven per cent, young persons under 18 years of age. Considering each of these numbers as 100 per cent, we find that *of the adult males* (411,115) 31,202 wage-earners, or 7.5 per cent were paid rates less than \$8 per week; 226,931 wage-earners, or 55.2 per cent were paid rates between \$8 and \$15; and 152,982 wage-earners, or 37.3 per cent, were paid \$15 and over. The corresponding percentages for the year 1913 were 8.2, 56.7, and 35.1, respectively. *Of the adult females* (175,134) 64,809, or 36.9 per cent were paid rates less than \$8 per week; 102,905, or 58.8 per cent between \$8 and \$15; and 7,420, or 4.3 per cent \$15 and over. The corresponding percentages for 1913 were 39.9, 56.1, 4.0, respectively. *Of the young persons under 18 years of age* in All Industries (43,937) 35,605, or 81.1 per cent were paid rates less than \$8 per week; 8,193, or 18.6 per cent between \$8 and \$15; and 139, or 0.3 per cent \$15 and over. Bringing together the figures for the leading industries, and for All Industries, reduced to percentages, and divided into three main groups, namely, under \$8, \$8 to \$15, and \$15 and over, considered for convenience of reference as low, medium, and high, we have the following:

UNEMPLOYMENT IN MANUFACTURING INDUSTRIES DEVIATION FROM THE MAXIMUM EMPLOYMENT



ALL INDUSTRIES.				Electrical Machinery, Apparatus, and Supplies.			
YEARS.	PERCENTAGES			YEARS.	PERCENTAGES		
	Wages under \$8 (Low)	\$8 to \$15 (Medium)	\$15 and over (High)		Wages under \$8 (Low)	\$8 to \$15 (Medium)	\$15 and over (High)
<i>Adult Males.</i>				<i>Adult Males.</i>			
1913, (446,530), . . .	8.2	56.7	35.1	1913, (18,446), . . .	2.9	50.4	46.7
1914, (411,115), . . .	7.5	55.2	37.3	1914, (12,929), . . .	3.4	51.6	45.0
<i>Adult Females.</i>				<i>Adult Females.</i>			
1913, (189,743), . . .	39.9	56.1	4.0	1913, (3,065), . . .	37.4	61.9	0.7
1914, (175,124), . . .	36.9	58.8	4.8	1914, (2,638), . . .	36.7	62.5	0.8
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1913, (57,298), . . .	82.6	17.2	0.2	1913, (2,400), . . .	76.7	21.7	1.6
1914, (43,937), . . .	81.1	18.6	0.3	1914, (1,793), . . .	47.0	50.6	2.4
Boots and Shoes.				Leather Tanned, Curried, and Finished.			
<i>Adult Males.</i>				<i>Adult Males.</i>			
1913, (56,520), . . .	5.2	39.6	55.2	1913, (11,618), . . .	5.0	71.0	24.0
1914, (50,158), . . .	4.2	40.6	55.2	1914, (10,124), . . .	5.4	71.0	23.6
<i>Adult Females.</i>				<i>Adult Females.</i>			
1913, (39,201), . . .	20.0	66.5	13.5	1913, (171), . . .	47.9	52.1	-
1914, (25,044), . . .	17.9	69.1	13.0	1914, (166), . . .	62.1	34.9	3.0
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1913, (6,828), . . .	76.9	22.6	0.5	1913, (247), . . .	65.6	34.4	-
1914, (4,847), . . .	74.4	25.0	0.6	1914, (143), . . .	67.1	32.9	-
Cotton Goods.				Paper and Wood Pulp.			
<i>Adult Males.</i>				<i>Adult Males.</i>			
1913, (59,550), . . .	24.5	64.1	11.4	1913, (10,281), . . .	0.9	75.3	23.8
1914, (53,150), . . .	22.9	64.5	12.6	1914, (10,026), . . .	0.7	74.3	25.0
<i>Adult Females.</i>				<i>Adult Females.</i>			
1913, (48,717), . . .	37.9	61.8	0.3	1913, (4,438), . . .	60.1	39.7	0.2
1914, (42,325), . . .	35.4	64.2	0.4	1914, (4,374), . . .	56.2	43.0	0.8
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1913, (13,676), . . .	79.8	20.2	-	1913, (471), . . .	77.1	22.9	-
1914, (10,062), . . .	82.1	17.9	-	1914, (287), . . .	57.9	35.1	7.0
Foundry and Machine-Shop Products. ¹				Woolen and Worsted Goods.			
<i>Adult Males.</i>				<i>Adult Males.</i>			
1913, (49,052), . . .	4.0	54.7	41.3	1913, (32,552), . . .	11.6	69.6	18.8
1914, (40,098), . . .	3.8	52.6	43.6	1914, (30,442), . . .	14.2	67.0	18.8
<i>Adult Females.</i>				<i>Adult Females.</i>			
1913, (869), . . .	52.4	45.7	1.9	1913, (20,486), . . .	41.1	56.0	2.9
1914, (927), . . .	36.8	56.7	6.5	1914, (20,519), . . .	39.1	57.2	3.7
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1913, (1,947), . . .	80.5	19.5	-	1913, (7,339), . . .	83.7	16.2	0.1
1914, (1,213), . . .	77.3	22.1	0.6	1914, (6,399), . . .	84.2	15.8	-

¹ Includes the following industries: Foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and heating apparatus; structural ironwork; and, in 1914, automobile repairing.

From an examination of the foregoing data, it is apparent that the proportion of wage earners in the high wage group is fairly constant, and that, while there is much mobility between the low and the medium wage groups, there is an increasing tendency towards smaller percentages in the low wage classes and correspondingly higher percentages in the classes paid the medium rates. For young persons under 18 years of age, \$5 to \$6 and \$6 to \$7 are the rates most frequently recurring, the wage-earners being necessarily beginners, often working 48 hours or less per week. The greatest variation in percentages is shown for the industry Electrical machinery, apparatus, and supplies, in which the proportion of young persons in the medium wage group rose from 21.7 per cent in 1913 to 50.6 per cent in 1914, a correspondingly smaller proportion, 47 per cent, being in the low wage group as against 76.7 in the preceding year.

The percentages in detail, based on the figures in Table IV, pages 62 to 103, for wage classes under \$3 to \$25 and over, for 1914, are given for seven of the principal industries and for All Industries as follows:

All Industries.

[illegible]

Boots and Shoes (Exclusive of Cut Stock and Findings).

	9	242	681	1,804	3,406	4,061	4,304	6,413	6,443	4,976	6,434	5,418	4,339	5,639	6,775	6,573	4,314	3,343	4,006
Totals,																			
Per cent,	1	0.3	0.8	2.3	4.3	5.1	6.0	8.0	8.0	6.8	8.0	6.8	5.4	7.0	8.5	8.6	5.4	4.9	5.1
Males (18 years and over),		19	76	263	649	1,130	1,084	2,569	2,941	2,590	3,332	3,806	3,060	4,331	5,083	6,278	4,016	3,214	4,022
Per cent,	—	1	0.2	0.5	1.3	2.9	3.4	5.1	5.9	5.9	7.7	7.9	6.1	9.0	11.8	12.5	8.0	6.4	8.0
Females (18 years and over),	1	44	149	664	1,326	2,039	2,658	3,458	3,316	2,314	2,535	1,791	1,249	1,066	1,078	591	294	128	72
Per cent,	1	0.8	0.6	2.7	6.1	8.3	10.6	12.8	13.9	9.9	10.1	7.9	5.0	4.3	4.3	3.4	1.5	0.6	0.3
Young persons (under 18 years of age),	8	179	456	878	1,231	853	402	335	156	73	66	31	20	12	9	4	4	1	1
Per cent,	0.3	3.7	9.4	18.1	26.4	17.6	9.5	7.9	3.8	1.5	1.4	0.4	0.4	0.3	0.3	0.1	0.1	1	1

Less than one-tenth of one per cent.

Cotton Goods.

Sex and Age.	Aggre- gates	Un- der \$5	\$5		\$6		\$7		\$8		\$9		\$10		\$11		\$12		\$13		\$14		\$15		\$16		\$17		\$18		\$19		\$20		\$21		\$22		\$23		\$24		\$25		\$26		\$27		\$28		\$29		\$30		\$31		\$32		\$33		\$34		\$35		\$36		\$37		\$38		\$39		\$40		\$41		\$42		\$43		\$44		\$45		\$46		\$47		\$48		\$49		\$50		\$51		\$52		\$53		\$54		\$55		\$56		\$57		\$58		\$59		\$60		\$61		\$62		\$63		\$64		\$65		\$66		\$67		\$68		\$69		\$70		\$71		\$72		\$73		\$74		\$75		\$76		\$77		\$78		\$79		\$80		\$81		\$82		\$83		\$84		\$85		\$86		\$87		\$88		\$89		\$90		\$91		\$92		\$93		\$94		\$95		\$96		\$97		\$98		\$99		\$100																																																																																																																																																																																																																																																																																																																																																																					
			but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under

Foundry and Machine-Shop Products.

Totals,	42,238	6	38	180	522	935	1,134	2,561	3,762	3,438	3,184	3,764	2,251	1,937	3,301	4,265	4,980	2,272	1,488	1,280
Per cent,	100	1	0.1	0.4	1.2	2.2	2.7	6.1	8.9	8.2	7.5	8.9	7.7	4.5	7.8	10.1	11.8	5.4	3.5	3.1
Males (18 years and over),	40,096	-	2	45	166	535	798	2,257	3,556	3,321	3,136	3,701	3,230	1,912	3,365	4,253	4,973	2,265	1,456	1,227
Per cent,	100	-	1	0.1	0.4	1.2	2.0	5.4	8.4	7.9	7.4	8.8	7.8	4.5	8.1	10.2	11.8	5.5	3.5	3.1
Females (18 years and over),	927	-	2	11	88	121	119	163	130	87	44	55	29	13	35	10	6	4	2	3
Per cent,	100	-	0.2	1.2	9.5	13.1	12.8	17.6	14.6	9.4	4.8	5.9	2.9	1.4	3.8	1.1	0.7	0.4	0.2	0.3
Young persons (under 18 years of age),	1,213	6	24	124	263	239	217	136	76	30	14	8	2	2	1	2	1	3	-	-
Per cent,	100	0.5	2.8	10.8	23.1	23.8	17.9	11.8	6.3	2.5	1.1	0.6	0.2	0.2	0.1	0.5	0.1	0.3	-	-

Leather, Tanned, Curried, and Finished.

Totals,	10,453	-	3	34	38	159	510	880	1,666	1,265	906	1,066	400	392	637	510	457	373	224	159
Per cent,	100	-	1	0.3	0.4	1.8	4.9	8.4	16.0	12.2	8.7	10.1	3.8	3.8	6.1	4.9	4.7	3.6	2.2	1.5
Males (18 years and over),	10,124	-	3	25	16	67	424	824	1,643	1,275	900	1,060	400	392	633	510	486	373	224	159
Per cent,	100	-	1	0.2	0.2	0.7	4.1	8.1	16.2	12.5	8.9	10.5	3.9	3.9	6.3	5.0	4.8	3.7	2.2	1.6
Females (18 years and over),	166	-	1	1	14	41	47	36	6	8	3	5	-	-	4	-	1	-	-	-
Per cent,	100	-	0.6	2.5	24.7	28.8	21.7	9.6	4.3	4.8	1.8	3.0	-	-	2.4	-	0.6	-	-	-
Young persons (under 18 years of age),	143	-	8	8	51	29	20	20	3	3	3	1	-	-	-	-	-	-	-	-
Per cent,	100	-	5.6	5.6	35.6	20.3	14.0	14.0	2.1	2.1	2.1	0.7	-	-	-	-	-	-	-	-

1 Less than one-tenth of one per cent.

Paper and Wood Pulp.

SEX AND AGE.	Aggre- gates	Un- der \$3	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25
			but under \$4	but under \$5	but under \$6	but under \$7	but under \$8	but under \$9	but under \$10	but under \$11	but under \$12	but under \$13	but under \$14	but under \$15	but under \$16	but under \$18	but under \$20	but under \$22	but under \$25	and over
Totals,	14,087	-	16	39	157	1,413	1,071	1,063	2,183	2,338	1,239	1,555	659	403	569	547	796	319	192	138
Per cent.,	100	-	0.1	0.3	1.1	9.6	7.6	7.6	14.9	16.9	8.4	10.6	4.6	2.7	3.9	3.7	5.4	2.2	1.3	0.9
Males (18 years and over),	10,026	-	1	1	10	12	51	82	1,518	2,155	1,153	1,452	644	354	532	522	774	317	190	138
Per cent.,	100	-	0.01	0.01	0.1	0.1	0.5	0.8	15.2	21.5	11.6	14.3	6.4	3.5	5.3	5.2	7.7	3.1	1.9	1.4
Females (18 years and over),	4,374	-	11	24	133	1,308	969	949	637	123	80	62	14	16	5	21	10	-	2	-
Per cent.,	100	-	0.3	0.5	3.0	29.9	22.2	21.7	14.6	2.8	1.8	1.4	0.3	0.4	0.1	0.5	0.2	-	0.05	-
Young persons (under 18 years of age),	287	-	4	4	14	93	51	23	28	30	6	11	1	3	2	4	12	2	-	-
Per cent.,	100	-	1.4	1.4	4.9	32.4	17.8	7.7	9.8	10.4	2.1	3.8	0.3	1.0	0.7	1.4	4.2	0.7	-	-

Printing and Publishing.

Totals,	16,788	26	89	405	738	1,248	1,014	1,008	1,123	1,040	541	1,006	503	590	940	1,213	1,202	1,435	1,054	1,203
Per cent,	100	0.1	0.5	2.4	4.4	7.4	6.0	6.4	6.8	6.2	3.2	6.0	3.0	3.5	5.6	7.9	7.8	8.5	6.3	8.3
Males (18 years and over),	10,469	-	13	43	112	253	272	310	343	503	293	679	337	455	802	1,090	1,192	1,366	1,032	1,274
Per cent,	100	-	0.1	0.4	1.1	2.4	2.6	3.0	3.3	4.8	2.8	6.5	3.2	4.3	7.7	10.4	11.4	13.0	9.9	13.1
Females (18 years and over),	4,903	1	4	104	244	640	601	688	785	519	243	318	163	135	136	122	110	69	22	19
Per cent,	100	1	0.1	2.1	5.0	13.0	12.8	14.0	15.6	10.6	4.9	6.3	3.3	3.3	3.3	2.5	2.2	1.4	0.4	0.4
Young persons (under 18 years of age),	1,416	25	72	318	383	355	141	70	15	18	5	9	3	-	2	1	-	-	-	-
Per cent,	100	1.3	3.1	18.4	27.0	26.1	10.0	4.9	1.1	1.3	0.3	0.6	0.2	-	0.1	0.1	-	-	-	-

Slaughtering and Meat Packing, including Sausage.

Totals,	4,073	-	-	3	23	26	41	44	268	1,141	536	541	306	256	210	207	240	71	33	97
Per cent,	100	-	-	0.1	0.6	0.6	1.0	1.1	7.0	28.0	18.8	18.8	7.5	8.3	8.4	8.1	8.9	1.7	0.9	8.4
Males (18 years and over),	3,944	-	-	-	-	2	12	30	265	1,128	535	540	305	256	210	207	239	71	33	97
Per cent,	100	-	-	-	-	-	0.8	0.8	6.7	28.6	13.6	18.7	7.7	6.6	6.6	6.8	6.1	1.8	1.0	8.6
Females (18 years and over),	59	-	-	1	15	10	16	3	4	7	-	1	1	-	-	-	1	-	-	-
Per cent,	100	-	-	1.7	26.4	16.9	27.1	6.1	6.8	11.9	-	1.7	1.7	-	-	-	1.7	-	-	-
Young persons (under 18 years of age),	70	-	-	2	7	14	13	11	16	6	1	-	-	-	-	-	-	-	-	-
Per cent,	100	-	-	8.9	10.0	20.0	18.6	16.7	22.8	8.6	1.4	-	-	-	-	-	-	-	-	-

Woolen and Worsted Goods.

Totals,	57,360	12	50	587	1,685	6,314	9,302	9,968	6,524	4,425	3,694	3,492	2,968	2,000	2,104	2,133	1,123	535	270	256
Per cent,	100	1	0.1	1.0	2.9	10.8	16.0	17.4	11.4	7.7	6.4	6.1	5.2	3.5	3.7	3.7	2.0	0.9	0.6	0.6
Males (18 years and over),	30,442	-	-	60	154	1,202	2,887	5,514	3,943	2,480	2,200	2,387	2,247	1,645	1,783	1,843	1,039	503	274	253
Per cent,	100	-	-	0.8	0.6	4.1	9.4	18.1	18.0	8.1	7.8	7.8	7.4	5.4	5.9	6.1	3.4	1.7	0.9	0.8
Females (18 years and over),	20,519	-	1	86	667	2,619	4,651	3,908	2,588	1,851	1,460	1,087	713	444	322	280	94	22	5	3
Per cent,	100	-	0.4	0.4	8.8	18.3	23.7	19.0	11.1	9.0	7.1	6.3	5.8	5.8	1.6	1.4	0.5	0.8	0.8	0.8
Young persons (under 18 years of age),	6,399	12	49	441	884	2,333	1,684	566	294	94	34	18	9	1	-	-	-	-	-	-
Per cent,	100	0.2	0.8	8.9	18.6	26.5	26.3	8.8	4.6	1.5	0.6	0.6	0.1	-	-	-	-	-	-	-

1 Less than one-tenth of one per cent.

DAYS IN OPERATION.

The average number of days in operation, by industries, is presented in Table V a, pages 104 to 106, and by cities and towns, Table V b, pages 106 and 107, — the number of possible working days in 1914, exclusive of 52 Sundays and eight holidays, being 305. From the data presented it appears that the average running time for All Industries in 1914 was 280 days. If we allow two weeks, or 12 days, for ordinary shut downs for vacations and repairs, and assume a normal running time for manufacturing establishments of 293 days, it becomes evident that the time in operation of 280 days, shown for 1914, was considerably below the normal.

In some of the leading industries running time for the year appears as follows: *Boots and shoes*, 277 days; *Cotton goods*, 289 days; *Woolen and worsted goods*, 272 days; *Paper and wood pulp*, 258 days; *Leather, tanned, curried, and finished*, 274 days; *Electrical machinery, apparatus, and supplies*, 284 days. The presentation by cities, exhibits average running time in the manufacturing establishments of *Boston* of 293 days; *Worcester*, 287 days; *Cambridge*, 290 days; *Brockton*, 285 days; *Lynn*, 290 days; *New Bedford*, 295 days; *Fall River*, 285 days; *Lawrence*, 300 days; and *Lowell*, 288 days.

LAUNDRIES.

The statistics for *laundries*, separately presented, will be found in Table VI. They include data for all laundries operated by power, whether steam or electric, the volume of work done in 1914, — an average of 7,771 wage earners finding employment in the industry, — being \$8,661,830, — an increase over 1909, — 5,958 wage earners being employed and the value of work done amounting to \$5,754,572, — of \$2,907,258, or 50.5 per cent. As compared with the returns for 1913, however, notwithstanding the lower prices prevailing for certain classes of work, in that year, a decline is noted, the volume of work in 1913 aggregating \$8,781,826, and the average number of wage-earners 8,160.

Comparative figures for the State for the three years are brought together in the following table: —

	1914	1913	1909
Number of establishments,	291	277	280
Capital invested,	\$4,695,798	\$4,542,313	\$2,951,025
Stock used,	\$1,391,900	\$1,259,655	\$903,845
Average number of wage-earners,	7,771	8,160	5,968
Wages paid,	\$3,721,409	\$3,884,570	\$2,582,593
Value of work done,	\$8,661,830	\$8,781,826	\$5,754,572

CONCLUSION.

The year 1914 will be remembered as a period of almost complete industrial stagnation. A depression bidding fair to rival that of 1908 had already set in during the Spring, as the percentages of unemployment, compared month by month, for the balance of the year, with the maximum employment shown in March, clearly indicate; and by the absolute decrease of more than 17 millions of dollars in product value as compared with 1913, notwithstanding the fact that the returns in that year, in particular industries, had not, as stated, the completeness of a full Census canvass. The outbreak of the European War served, at first, and especially in so far as the year 1914 was concerned, only to intensify the depression, although, later, in the year 1915, the demand for machine-shop products and other merchandise which the war entailed, provided an abundant source of activity in many industries as will be shown in the report for that year, which I hope to be able to issue shortly.

As in former years when the United States Census Office has taken a Manufactures Census for the country, the federal authorities and this Bureau have co-operated in gathering these statistics of Massachusetts manufactures for the year 1914 with a view to avoiding duplication of work; and cordial acknowledgment is accordingly here made for courtesies extended by the federal Census Bureau, especially in the matter of furnishing copies of its original tabulations, which have been used in making the compilations for this report.

CHARLES F. GETTEMY,
Director, Bureau of Statistics.

STATE HOUSE, BOSTON, September 30, 1916.

TABULAR PRESENTATIONS.
1914.

[1]

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914.
A. THE STATE: BY INDUSTRIES.

INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
THE STATE.						
Agricultural implements,	12,013	\$1,548,960,733	\$931,383,793	\$341,309,517	606,698	\$1,641,373,947
Artificial limbs,	4	835,645	298,523	190,228	325	552,381
Artificial stone products,	8	32,680	17,588	11,265	18	52,028
Automobiles, including bodies and parts,	55	525,836	194,421	226,212	324	599,703
Automobile repairing,	66	9,774,929	5,642,432	3,016,276	3,439	11,108,790
	86	463,848	216,830	299,218	348	788,976
Awnings, tents, and sails,	58	424,202	543,430	223,554	366	1,026,760
Baskets, and rattan and willow ware,	15	126,201	129,176	59,489	122	249,911
Belting, leather,	20	5,852,158	4,980,240	764,181	1,113	7,297,476
Belting and hose, woven,	6	906,033	602,531	98,690	183	942,180
Billiard tables and materials,	6	145,389	108,887	32,818	43	200,394
Blacking, stains, and dressings,	59	1,298,724	1,756,379	262,293	506	3,199,141
Bookbinding and blank-book making,	96	3,927,259	1,524,735	1,839,465	3,317	4,943,081
Boot and shoe cut stock and findings,	420	23,784,297	43,916,156	4,262,971	8,170	54,668,155
Boots and shoes,	464	92,253,524	120,325,680	46,743,858	76,944	200,539,368
Boots and shoes, rubber,	9	23,027,061	10,454,825	4,468,411	8,087	23,788,788
Boxes, cigar,	5	267,912	182,066	91,583	188	339,245
Boxes, fancy and paper,	97	4,097,326	3,671,873	1,886,498	4,244	7,084,976
Boxes, wooden packing,	91	6,216,604	4,776,269	1,640,876	2,995	7,710,614

Brass, bronze, and copper products,	73	3,979,338	3,714,796	1,063,063	1,630	5,068,803
Bread and other bakery products,	1,419	13,775,446	13,371,148	4,866,068	8,083	33,309,061
Brick and tile, ¹	46	2,196,865	416,977	680,047	1,124	1,483,992
Brooms,	26	218,476	231,080	61,866	121	406,596
Brushes,	29	3,359,106	2,231,410	717,148	1,437	3,910,029
Butter,	17	132,607	667,465	21,491	33	813,783
Buttons,	14	1,241,996	275,647	230,445	435	727,707
Canning and preserving,	65	5,038,118	8,605,741	866,237	1,903	8,190,014
Card cutting and designing,	4	15,925	5,756	2,147	5	16,247
Carpets and rugs, other than rag,	13	13,841,208	6,668,280	2,238,700	5,219	10,981,244
Carpets, rag,	21	55,573	23,575	50,743	106	136,622
Carriages and sleds, children's,	8	1,594,638	1,460,457	660,284	1,175	2,644,414
Carriages and wagons, and materials,	149	2,866,542	1,080,106	709,279	1,245	2,637,575
Carriages and wagons (repair work exclusively),	26	172,605	59,551	71,783	103	194,299
Cars and general shop construction and repairs by steam railroad companies,	15	9,136,126	4,196,831	4,332,721	6,264	8,820,665
Cars and general shop construction and repairs by electric railroad companies,	29	2,861,023	1,203,842	1,373,677	1,705	2,585,946
Chemicals,	24	9,167,288	3,254,621	964,633	1,285	6,684,918
Cleansing and polishing preparations,	34	295,411	336,891	39,238	66	642,326
Cloth sponging and refinishing,	4	24,525	1,500	36,496	56	63,700
Clothing, men's,	213	7,196,235	9,083,187	3,074,507	5,760	16,217,687
Clothing, men's, buttonholes,	3	1,060	536	1,560	4	6,072
Clothing, women's,	202	4,942,052	7,664,225	2,066,433	6,076	12,982,587
Coffee and spice, roasting and grinding,	21	3,677,806	6,311,942	265,422	466	8,675,047
Coffins, burial cases, and undertakers' goods,	9	831,006	349,212	173,935	285	739,292
Combs and hairpins,	34	1,768,421	2,073,863	967,722	1,944	3,736,931

¹ Includes terra-cotta and fire-clay products.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-Earners	Value of Product
The State — Continued.						
Confectionery and ice cream,	276	\$11,440,334	\$13,868,753	\$3,041,509	7,365	\$32,324,744
Confectionery,	145	10,400,869	12,265,245	2,710,742	6,775	20,097,995
Chewing gum,	3	52,112	22,025	4,336	13	32,338
Ice cream,	128	1,097,833	1,575,463	336,431	475	2,303,921
Copperage,	35	835,978	731,847	311,260	525	1,272,246
Copper, tin, and sheet-iron products, ¹	159	7,418,093	3,510,187	1,663,960	2,688	7,247,123
Cordage and twine, and jute goods,	13	18,780,156	15,553,152	2,455,637	6,073	20,229,992
Cordials and flavoring sirups,	9	313,201	329,178	24,872	51	519,049
Cosmetics,	11	2,504,262	1,901,636	905,648	2,298	4,580,539
Cotton goods,	145	255,153,889	118,727,252	50,299,559	112,609	195,481,626
Cotton small wares,	24	1,704,531	1,107,082	406,481	950	1,340,438
Cutlery, and tools not elsewhere specified,	137	19,599,525	3,393,522	3,903,000	6,485	12,974,022
Dental goods,	8	70,214	408,990	33,313	55	484,512
Dyeing and finishing textiles,	57	39,014,407	10,969,003	5,842,976	11,437	22,465,086
Dyestuffs and extracts,	17	813,134	1,161,873	99,134	148	1,674,097
Electrical machinery, apparatus, and supplies,	91	46,067,320	17,696,907	10,651,133	17,125	43,590,204
Electroplating,	50	222,087	109,648	151,632	233	402,239
Emery and other abrasive wheels,	12	2,403,519	866,452	598,546	903	2,299,292
Enameling and japanning,	13	149,317	134,474	53,130	95	275,289

Engraving and die sinking,	48	156,194	37,875	112,468	153	273,147
Engraving, steel and copper plate, including plate printing,	29	668,036	150,809	374,783	421	746,590
Envelopes,	11	4,723,318	2,850,365	803,209	1,781	4,979,833
Fancy articles, not elsewhere specified,	30	1,067,319	521,872	337,133	786	1,387,744
Felt goods,	15	5,336,462	1,974,530	434,602	878	2,997,080
Firearms,	6	3,980,056	711,451	1,461,142	2,161	3,397,419
Flavoring extracts,	25	595,331	592,103	62,519	134	1,164,733
Flour-mill and gristmill products,	105	2,519,072	3,423,887	101,471	176	3,811,377
Food preparations,	68	1,460,957	1,982,838	280,113	469	4,043,632
Foundry and machine-shop products, ¹	724	99,707,910	25,309,892	23,407,653	34,368	70,871,440
Fur goods,	17	523,963	476,267	146,376	208	361,377
Furnishing goods, men's,	13	511,705	788,951	170,825	388	1,268,806
Furniture,	134	18,970,795	5,647,952	3,960,588	6,813	13,836,765
Galvanising,	3	24,378	19,609	10,307	12	37,259
Gas and electric fixtures,	15	196,510	138,566	90,502	143	448,465
Gas, illuminating and heating,	61	67,666,765	5,951,393	2,141,492	3,182	15,751,637
Glass, cutting, staining, and ornamenting,	35	191,513	95,581	137,199	198	371,589
Glue,	11	2,956,497	1,788,747	293,647	563	2,888,733
Gold and silver, leaf and foil,	10	97,464	134,064	63,088	130	332,526
Gold and silver, reducing and refining, not from the ore,	7	168,066	286,138	17,390	21	337,666
Grease and tallow,	33	2,800,452	1,829,324	420,107	622	2,668,048
Hand-knit goods,	8	46,299	20,714	2,800	4	61,768
Hand stamps and stencils and brands,	32	133,008	55,656	73,767	108	253,069
Hardware,	31	2,633,338	866,081	699,378	1,151	3,323,598
Hats and caps, other than felt, straw, and wool,	38	195,107	404,367	167,793	288	737,294

¹ Includes stamped and enameled ware and tinware.

² Not including the following industries, the figures for which are separately presented: Automobile repairing; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
 A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.		Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-Earners	Value of Product
The State — Continued.							
Hats, fur-felt,		10	\$1,422,351	\$470,318	\$275,668	639	\$864,723
Hats, straw,		19	2,905,750	3,204,669	1,450,679	2,383	5,762,048
Hosiery and knit goods,		69	15,462,471	9,245,967	4,733,898	10,631	17,357,319
House-furnishing goods, not elsewhere specified,		29	1,080,625	844,415	202,990	444	1,350,408
Ice, manufactured,		6	320,966	75,849	49,096	57	180,212
Instruments, professional and scientific,		23	1,369,143	550,335	416,616	599	1,262,034
Iron and steel, steel works and rolling mills,		11	13,450,020	8,801,811	1,602,912	2,889	11,376,008
Iron and steel, bolts, nuts, washers and rivets, not made in steel works or rolling mills,		8	2,269,865	1,041,047	764,044	1,292	2,267,090
Iron and steel forgings,		10	1,960,677	838,840	523,085	683	2,075,765
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,		28	2,425,303	1,421,250	698,212	1,233	2,847,049
Jewelry,		202	14,521,053	6,710,132	3,893,999	6,605	14,175,897
Jewelry and instrument cases,		10	346,599	205,439	150,931	389	539,262
Labels and tags,		5	40,813	18,791	22,255	38	69,968
Lamps and reflectors,		7	432,748	488,983	215,768	316	960,063
Laths,		32	1,922,544	591,559	653,449	890	1,908,646
Leather goods, not elsewhere specified,		41	637,354	733,507	215,391	416	1,309,049
Leather, tanned, curried, and finished,		126	47,418,119	33,194,061	5,915,205	10,164	45,265,494
Lime,		11	1,299,019	370,242	231,293	474	816,713
Linen goods,		7	3,938,715	1,795,123	652,369	1,541	3,090,254
Liquors, distilled,		7	1,622,102	1,233,530	82,390	93	4,789,901

Liquors, malt, ¹	26	22,373,757	4,920,158	1,992,322	2,106	15,608,044
Lithographing,	13	2,400,253	1,007,842	873,520	1,218	2,981,840
Looking-glass and picture frames,	31	203,037	142,763	105,459	148	428,572
Lumber and timber products,	277	4,455,468	2,010,372	888,491	1,625	4,376,974
Lumber, planing-mill products,	198	7,978,100	6,276,835	2,484,077	8,423	10,680,867
Marble and stone work,	107	5,073,135	992,730	1,867,496	2,630	3,833,417
Mattresses and spring beds,	54	1,023,087	1,459,126	376,718	740	2,601,818
Millinery and lace goods,	69	2,115,672	2,886,184	939,998	2,026	4,918,866
Mineral and soda waters,	171	2,000,848	1,076,009	332,796	608	2,441,676
Minerals and earths, ground,	9	440,616	277,534	61,456	105	488,646
Mirrors,	8	213,612	230,337	85,076	132	440,572
Models and patterns not including paper patterns,	66	280,122	88,398	247,092	318	596,282
Monuments and tombstones,	199	1,908,805	892,373	1,021,413	1,338	2,900,806
Motorcycles, bicycles, and parts,	6	7,183,011	3,193,964	1,666,098	2,185	7,021,312
Mucilage and paste,	22	830,129	997,307	73,524	103	1,553,983
Musical instruments and materials, not specified,	25	318,809	163,664	204,522	282	418,845
Musical instruments, pianos and organs and materials,	52	12,469,020	3,702,133	2,509,521	3,906	8,213,341
Oil, not elsewhere specified,	16	1,708,068	2,230,302	197,006	303	2,975,366
Optical goods,	13	3,736,288	1,194,586	1,390,181	2,356	3,996,385
Paints and varnishes,	34	3,181,378	2,621,556	301,964	490	4,875,740
Paper and wood pulp,	86	47,979,966	26,610,748	7,548,620	13,401	43,353,545
Paper goods, not elsewhere specified,	49	9,600,843	5,830,840	2,116,037	4,048	10,599,526
Patent medicines and compounds and druggist's preparations,	163	5,471,931	3,323,138	695,316	1,351	8,263,960
Paving materials,	11	617,961	177,731	207,817	843	612,411
Photo-engraving,	27	500,521	166,773	492,817	543	1,180,289

¹ Includes one establishment having four branches.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

Industries.	The State — Continued.					
	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-Earners	Value of Product
Pipes, tobacco,	3	\$41,404	\$22,837	\$26,155	41	\$57,337
Plumbers' supplies,	19	1,152,383	595,323	375,247	627	1,330,495
Pocketbooks,	10	522,590	339,550	172,486	377	738,954
Pottery, ¹	8	195,330	35,663	85,305	138	170,405
Printing and publishing, book and job,	741	18,276,535	5,513,738	4,837,871	7,002	20,245,246
Printing and publishing, music,	9	558,098	161,904	76,233	120	609,555
Printing and publishing, newspapers and periodicals,	456	18,420,327	8,449,143	5,364,438	6,032	26,719,398
Refrigerators,	11	290,778	209,892	132,006	141	454,292
Regalia and society badges and emblems,	13	138,807	117,020	56,537	78	262,336
Rubber goods, not elsewhere specified;	43	17,345,185	14,141,738	2,845,043	4,743	23,011,249
Saddlery and harness,	43	661,174	495,870	173,668	260	836,524
Sausage, not made in slaughtering and meat packing establishments,	61	594,376	2,047,478	247,806	349	2,722,167
Scales and balances,	4	30,362	21,490	14,005	23	50,431
Screws, machine,	17	1,112,732	230,291	205,376	355	570,512
Shipbuilding, wooden, including boat building,	81	788,374	395,273	328,095	435	1,061,115
Shirts,	14	1,780,445	1,381,968	778,577	1,885	3,396,080
Shoddy, wool,	17	1,370,398	1,266,600	240,059	445	1,903,016
Show cases,	12	81,452	91,849	60,353	79	202,399
Signs and advertising novelties,	20	350,393	288,921	211,253	386	734,540
Silk and silk goods, including throwsters,	19	11,069,598	5,961,137	2,091,891	4,495	10,676,681

Silverware and plated ware,	17	6,803,906	2,227,585	1,468,045	2,163	5,542,431
Slaughtering and meat packing,	46	18,470,665	46,428,389	1,893,045	3,233	51,794,530
Soap,	32	3,421,160	2,476,020	260,473	460	4,671,310
Sporting and athletic goods,	15	2,239,473	1,963,968	767,126	1,275	3,423,980
Springs, steel, car and carriage,	7	69,190	41,155	37,126	45	110,264
Stationery goods, not elsewhere specified,	27	4,747,464	3,553,070	1,248,491	2,467	6,511,512
Statuary and art goods,	13	461,511	54,668	106,887	132	283,200
Steam fittings and steam and hot-water heating apparatus,	21	7,365,394	2,013,813	2,018,627	3,175	5,910,266
Steam packing,	11	207,016	151,399	56,893	71	311,047
Stereotyping and electrotyping,	15	306,536	128,425	167,449	250	486,371
Stoves and hot-air furnaces, except gas and oil stoves,	13	2,064,868	892,589	1,115,395	1,446	2,963,832
Structural ironwork, not made in steel works or rolling mills,	51	3,232,072	2,063,775	1,227,649	1,663	4,311,823
Surgical appliances,	14	684,863	1,039,020	149,265	249	1,459,021
Suspenders, garters, and elastic woven goods,	30	5,090,141	3,380,686	1,411,216	2,928	6,323,313
Tobacco manufactures,	336	4,338,311	3,310,806	3,109,385	3,926	9,269,400
Toys and games,	18	1,728,045	1,128,941	636,487	1,351	2,535,968
Trunks and valises,	25	716,061	649,788	223,965	377	1,186,108
Type founding and printing materials,	9	271,713	79,379	59,143	93	263,332
Upholstering materials,	8	1,059,640	1,231,973	105,100	197	1,477,198
Vinegar and cider,	53	433,964	199,771	47,276	78	391,169
Waste,	11	1,964,200	3,338,216	308,806	800	3,779,872
Watch and clock materials,	6	137,966	37,212	84,457	153	166,766
Whips,	21	2,516,166	1,167,929	493,170	996	3,804,281
Window and door screens and weather strips,	23	136,413	113,119	66,501	113	271,578
Window shades and fixtures,	14	290,999	388,832	54,365	97	589,072

1 Not including terra-cotta and fire clay products.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

INDUSTRIES.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-Earners	Value of Product
The State — Concluded.						
Wire,	8	\$3,244,816	\$4,655,965	\$2,005,164	2,399	\$3,393,073
Wirework, including wire rope and cable,	30	5,420,293	2,330,915	1,079,129	1,950	4,877,699
Wood, turned and carved,	62	1,756,118	747,130	888,277	1,339	1,761,663
Wooden goods,	18	686,613	424,891	218,029	430	788,363
Wool scouring,	10	1,515,096	727,228	333,741	577	1,406,674
Woolen and worsted goods,	156	138,999,193	81,152,893	26,928,480	53,377	137,351,484
All other industries, ¹	235	104,373,553	56,460,725	14,098,304	21,504	88,237,019

¹ Embraces Aeroplanes and parts; 1. Aluminum ware; 2. Ammunition; 3. Artificial flowers; 1. Artists' materials; 2. Asbestos products, not including steam packing; 3. Babbitt metal and solder; 5. Bags, other than paper; 6. Bags, paper; 1. Baking powders and yeast; 3. Belting and hose, rubber; 3. Bluing; 6. Bone, carbon, and lamp black; 2. Butter, re-working; 1. Candles; 1. Cardboard, not made in paper mills; 1. Cars, steam railroad, not including operations of railroad companies; 3. Cars, electric railroad, not including operations of railroad companies; 1. Cash registers and calculating machines; 3. Charcoal; 2. China decorating; 1. Chocolate and cocoa products; 5; Clocks; 4. Clothing, horse; 3. Coke; 1. Collars and cuffs, men's; 1. Cork cutting; 2. Crucibles; 2. Dairymen's, poultrymen's, and apiciaries' supplies; 3. Drug grinding; 2; Engravers' materials; 1; Engraving, wood; 3; Explosives; 2; Fertilizers; 4; Files; 6; Fire extinguishers, chemical; 2; Fireworks; 4; Flags and banners; 3; Foundry supplies; 1; Furs dressed; 1; Glass; 2; Gloves and mittens, leather; 5; Glucose and starch; 4; Hair work; 5; Hammocks; 4; Hat and cap materials; 2; Hats, wool-felt; 2; Horseshoes, not made in steel works or rolling mills; 3; Ink, printing; 1; Ink, writing; 3; Iron and steel, blast furnaces; 1; Iron and steel, doors and shutters; 1; Ivory, shell, and bone work, not including combs and hairpins; 3; Lard, refined, not made in slaughtering and meat packing establishments; 1; Lead, bar, pipe, and sheet; 1; Lubricating greases; 5; Matches; 1; Needles, pins, and hooks and eyes; 4; Nets and seines; 2; Oakum; 1; Oil, essential; 1; Oil-cloth, enameled; 2; Oleomargarine; 1; Paper patterns; 1; Peanuts, grading, roasting, cleaning, and shelling; 2; Pens, fountain and typographic; 3; Pens, gold; 2; Photographs and graphophones; 1; Photographic supplies; 1; Photographic materials; 4; Pumps, not including power pump; 3; Roofing materials; 5; Sand and emery paper and cloth; 1; Sand-line brick; 1; Saws; 10; Screws, wood; 2; Sewing machines and attachments; 7; Shipbuilding, iron and steel; 3; Smelting and refining, not from the ore; 3; Soda-water apparatus; 5; Stoves, oil and gas; 2; Sugar, refining, not including beet sugar; 2; Theatrical scenery; 1; Typewriters and supplies, not from the ore; 3; Umbrellas and canes; 7; Vault lights and ventilators; 2; Wall paper, not made in paper mills; 2; Washing machines and clothes wringers; 1; Watches; 2; Windmills; 1; Wool pulling; 1.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

B. THE 33 CITIES: BY INDUSTRIES.

CITIES AND INDUSTRIES.	Number of Es- tab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
BEVERLY.						
Boot and shoe cut stock and findings,	67	\$10,539,789	\$3,165,922	\$5,355,643	4,641	\$8,774,187
✓ Boots and shoes,	10	156,113	139,422	26,526	47	213,035
Bread and other bakery products,	15	1,381,338	1,875,199	819,708	1,417	3,295,400
Printing and publishing,	9	31,565	64,611	17,790	31	115,946
Other industries,	7	77,867	36,817	42,764	78	128,086
	26	8,885,906	1,049,878	2,448,860	3,068	5,026,720
BOSTON.						
Artificial limbs,	\$,138	\$15,176,415	160,868,280	19,144,377	78,894	\$84,809,479
Automobiles, including bodies and parts,	4	11,537	8,680	8,791	12	31,379
Automobile repairing,	12	408,376	206,104	172,478	219	586,990
Awnings, tents, and sails,	9	53,232	59,470	55,032	60	179,809
Blacking, stains, and dressings,	19	160,261	279,497	108,007	173	517,183
	15	438,545	316,587	59,297	108	689,724
Bookbinding and blank-book making,	53	974,711	528,533	736,943	1,403	1,334,295
✓ Boot and shoe cut stock and findings,	35	5,994,652	12,249,387	907,509	1,052	13,509,298
Boots and shoes,	16	8,455,198	7,229,888	3,421,074	6,269	13,243,410
Boxes, fancy and paper,	19	319,776	364,101	308,445	725	882,189
Brass, bronze, and copper products,	27	258,417	323,228	140,915	185	500,120

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.		Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
Boston — Continued.							
Bread and other bakery products,	.	312	\$3,471,714	\$5,880,108	\$1,546,740	2,701	\$11,413,378
Canning and preserving,	.	23	1,142,355	1,083,308	232,907	444	2,033,135
Carriages and wagons and materials,	.	21	417,060	255,909	206,207	280	594,330
Carriages and wagons (repairing exclusively),	.	10	50,786	32,373	40,323	59	99,866
Chemicals,	.	8	186,688	266,494	17,082	24	356,135
Cleansing and polishing preparations,	.	12	177,020	220,655	19,275	33	437,119
Cloth sponging and refinishing,	.	4	24,525	1,500	36,496	56	63,700
Clothing, men's,	.	176	5,745,389	7,503,788	2,532,713	4,577	13,739,312
Clothing, men's, buttonholes,	.	3	1,060	526	1,560	4	6,072
Clothing, women's,	.	139	2,905,122	5,126,016	2,143,646	3,964	9,608,753
Coffee and spice, roasting and grinding,	.	17	3,559,279	6,124,157	252,490	446	8,463,495
Confectionery and ice cream,	.	78	8,091,639	9,103,471	2,041,771	5,114	15,545,760
Confectionery, ¹	.	61	7,799,653	8,860,790	1,996,947	5,084	14,798,919
Ice cream,	.	11	231,986	247,081	44,324	50	449,841
Copper, tin, and sheet-iron products, ²	.	75	5,010,185	2,106,482	904,000	1,397	4,144,370
Cutlery and tools, not elsewhere specified,	.	15	3,715,302	753,094	399,547	790	3,282,786
Dental goods,	.	8	70,214	408,920	33,213	55	484,512
Dye stuffs and extracts,	.	10	455,129	516,418	45,005	61	716,751

Electrical machinery, apparatus, and supplies,	30	3,480,548	1,414,097	914,342	1,481	3,334,915
Electroplating,	23	71,033	45,397	80,896	108	190,507
Enameling and japanning,	4	37,533	9,650	13,381	19	38,060
Engraving and dieinking,	20	46,534	19,259	39,744	47	108,486
Engraving, steel and copper plate, including plate printing,	24	553,128	125,756	233,980	347	533,988
Fancy articles, not elsewhere specified,	7	53,301	53,084	29,047	53	113,556
Flavoring extracts,	9	350,553	310,773	27,686	53	640,665
Food preparations,	21	631,361	1,057,512	159,817	257	2,500,157
Foundry and machine-shop products, ^a	166	13,763,326	4,194,397	3,350,556	5,233	12,340,367
Fur goods,	17	523,968	470,267	146,376	208	861,377
Furnishing goods, men's,	7	438,700	668,041	117,849	237	1,039,535
Furniture,	46	951,652	978,617	541,373	790	2,235,068
Galvanizing,	3	24,573	19,509	10,307	13	37,369
Gas and electric fixtures,	9	116,990	102,713	68,354	96	232,243
Glass cutting, staining, and ornamenting,	22	92,547	52,399	88,311	108	235,265
Hand stamps and stencils and brands,	17	66,002	27,313	47,365	64	158,133
Hardware,	12	148,635	52,585	47,408	61	164,491
Hats and caps, other than felt, straw, and wool,	23	184,539	386,709	163,803	378	710,407
Hosiery and knit goods,	10	1,052,555	1,005,443	310,249	770	1,596,381
House-furnishing goods, not elsewhere specified,	8	55,339	108,113	44,999	85	217,070
Instruments, professional and scientific,	12	895,719	377,533	333,367	454	890,305
Iron and steel, steel works and rolling mills,	3	55,896	32,564	34,441	50	90,075
Jewelry,	39	503,316	386,068	186,102	250	865,791

^a Includes two establishments manufacturing chewing gum.^s Includes 11 establishments manufacturing tinware.

^a Not including the following industries, the figures for which are separately presented: Automobile repairing; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.		Number of Es- tabli- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
Boston — Continued.							
Jewelry and instrument cases,	.	5	\$266,473	\$159,043	\$113,923	263	\$417,294
Lamps and reflectors,	.	3	23,015	38,766	23,711	33	73,193
Leather goods, ¹	.	15	346,307	461,436	107,140	180	765,654
Liquors, malt, ²	.	13	13,683,141	2,569,379	1,143,563	1,225	8,330,272
Lithographing,	.	6	191,188	90,364	92,409	124	246,329
Looking-glass and picture frames,	.	18	130,110	97,618	79,993	110	330,243
Lumber and timber products, ³	.	47	1,388,488	1,641,289	614,032	803	2,903,541
Marble and stone work,	.	16	720,967	411,772	337,650	425	950,912
Mattresses and spring beds,	.	21	606,685	1,115,146	262,937	531	1,880,981
Millinery and lace goods,	.	59	1,349,151	2,014,263	601,080	1,416	3,543,692
Mineral and soda waters,	.	26	803,416	535,757	103,341	137	1,303,737
Mirrors,	.	7	185,601	203,330	68,246	104	385,247
Models and patterns, not including paper patterns,	.	21	104,831	29,170	85,402	105	193,614
Monuments and tombstones,	.	8	66,622	24,308	28,047	30	86,340
Mucilage and paste,	.	4	143,246	178,446	12,181	16	284,060
Musical instruments and materials, not specified,	.	15	255,850	137,166	184,390	245	333,463
Musical instruments, pianos and organs, and materials,	.	15	4,981,103	1,580,526	907,694	1,299	3,276,273
Oil, not elsewhere specified,	.	5	788,370	1,211,490	102,145	164	1,602,001

Paints and varnishes,	11	846,141	636,907	79,070	119	1,056,343
Paper goods, not elsewhere specified,	12	373,730	337,319	144,080	342	668,568
Patent medicines and compounds and druggists' preparations,	68	2,615,153	2,120,013	360,138	768	4,632,830
Photo-engraving,	10	418,383	145,008	398,712	432	1,002,395
Plumbers' supplies,	4	174,541	47,870	51,967	63	151,776
Printing and publishing, book, job, and music,	318	11,332,002	2,849,941	2,416,546	3,351	12,680,334
Printing and publishing, newspapers and periodicals,	166	11,055,242	6,188,817	2,896,457	2,748	17,915,170
Refrigerators,	7	192,445	149,455	93,384	82	333,365
Regalia and society badges and emblems,	8	86,005	81,894	27,209	60	168,913
Rubber goods, not elsewhere specified,	7	511,114	318,830	151,436	276	679,708
Saddlery and harness,	11	32,475	43,688	33,233	39	106,064
Sausage, not made in slaughtering and meat packing establishments,	15	245,971	933,742	110,880	168	1,280,811
Screws, machine,	7	312,532	96,964	71,149	102	280,606
Shipbuilding, wooden, including boat building,	15	165,697	134,973	91,431	108	325,300
Show cases,	8	51,246	56,537	36,138	43	126,364
Signs and advertising novelties,	12	199,975	171,083	143,438	270	464,793
Slaughtering and meat packing,	11	462,292	4,276,887	121,004	161	5,116,143
Soap,	11	231,401	314,320	33,417	54	441,443
Stationary goods, not elsewhere specified,	6	435,622	389,403	123,118	237	665,670
Statuary and art goods,	10	438,978	50,564	96,874	122	262,598
Steam fittings and steam and hot-water heating apparatus,	8	4,722,506	1,149,747	1,077,631	1,702	3,080,963
Steam packing,	6	84,938	43,332	37,422	41	153,898
Stereotyping and electrotyping,	8	153,608	95,095	113,960	156	318,643
Structural ironwork, not made in steel works or rolling mills,	23	593,735	494,516	397,887	525	1,124,393

¹ Not including saddlery and harness, and trunks and valises, the figures for which are separately presented.

² Includes one establishment having four branches.

³ Not including boxes (wooden) and window and door screens.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
BOSTON — Concluded.						
Suspenders, garters, and elastic woven goods,	10	\$1,120,083	\$1,294,717	\$361,200	865	\$2,321,514
Tobacco manufactures,	101	3,217,308	2,723,140	2,315,590	2,694	6,054,409
Trunks and valises,	14	189,224	195,534	83,674	133	373,610
Window and door screens and weather strips,	6	21,423	23,826	11,782	19	57,954
Window shades and fixtures,	10	150,339	265,247	37,257	63	391,264
Wirework, including wire rope and cable,	7	26,594	32,115	16,660	24	65,842
Wood, turned and carved,	6	12,610	8,624	10,267	12	26,353
Other industries,	259	72,952,637	39,043,157	9,047,084	14,437	61,471,304
BROOKTON.						
Blackings, and cleaning and polishing preparations,	245	28,803,703	31,664,241	10,527,546	16,246	51,369,191
Boot and shoe cut stock and findings,	16	205,995	194,364	31,490	43	459,335
Boots and shoes,	48	3,525,754	6,889,673	893,368	1,650	9,089,480
Bones, fancy and paper,	36	13,840,753	21,665,756	8,064,443	12,115	35,032,665
Bones, wooden packing,	5	162,199	114,371	76,740	174	233,446
Bread and other bakery products,	21	376,781	538,659	134,348	232	1,069,330
Carriages and wagons and materials,	5	77,393	14,423	13,692	18	44,638
Confectionery and ice cream,	4	14,056	10,679	56,896	21	96,496
Cutlery and tools, not elsewhere specified,	9	47,273	31,502	61,653	72	124,510
Flour-mill and grist-mill products,	3	27,765	35,377	700	2	40,226

Foundry and machine-shop products,	15	454,438	127,343	178,072	243	431,325
Laths,	7	748,332	215,283	181,204	241	584,388
Printing and publishing,	20	401,420	247,084	197,541	260	744,241
Other industries,	40	3,797,627	1,508,537	650,398	1,078	3,109,559
CAMBRIDGE.						
Automobiles, including bodies and parts,	216	42,969,893	31,451,606	10,310,990	16,749	67,463,919
Bookbinding and blank-book making,	5	165,510	55,927	65,467	83	203,517
Bosses, fancy and paper,	6	406,615	182,798	164,539	303	417,584
Bread and other bakery products,	5	384,221	249,102	208,839	495	598,780
Carriages and wagons and materials,	40	4,102,119	2,070,912	511,795	901	3,954,493
Confectionery and ice cream,	4	69,509	48,886	50,394	71	127,685
Confectionery,	31	1,790,307	2,403,303	609,377	1,541	5,307,709
Ice cream,	15	1,653,089	2,303,905	438,073	1,141	3,285,794
Copper, tin, and sheet-iron products,	6	137,718	299,397	72,804	100	531,065
Foundry and machine-shop products, ¹	7	532,068	297,292	112,220	183	588,109
Furniture,	24	5,636,918	1,414,388	972,298	1,460	4,377,123
Looking-glass and picture frames,	12	1,275,953	367,528	495,422	636	1,383,764
Lumber, planing-mill products,	4	8,377	5,406	4,078	7	30,568
Marble and stone work,	8	606,727	451,615	194,971	304	730,111
Monuments and tombstones,	7	223,130	111,493	132,733	164	359,217
Musical instruments, pianos and organs, and materials,	3	11,410	6,207	6,104	9	21,027
Patent medicines and compounds and druggists' preparations,	6	3,517,512	734,673	536,992	914	1,673,588
Printing and publishing, ²	6	265,225	100,241	58,986	112	248,176
Structural ironwork,	39	4,177,360	1,399,694	1,212,045	1,856	3,602,078
Tobacco manufactures,	10	1,080,982	470,611	229,937	326	965,270
Wood, turned and carved,	4	9,108	18,995	7,483	11	40,065
Other industries,	3	76,873	7,510	13,717	20	29,668
	102	24,632,458	21,068,156	4,628,473	7,753	34,445,488

¹ Not including bookbinding and blank-book making.² Not including structural ironwork.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
CLEVELAND.						
× Boots and shoes,	123	\$12,418,891	\$9,414,598	\$2,853,619	6,241	\$16,971,082
Boxes, fancy and paper,	5	1,595,023	3,349,974	1,407,989	2,475	5,466,898
Bread and other bakery products,	3	228,247	177,152	78,156	193	318,978
Lumber, planing-mill products,	17	109,500	194,011	61,383	90	359,095
Printing and publishing,	4	32,927	97,970	25,168	33	140,000
Tobacco manufactures,	7	26,786	12,077	15,760	32	48,657
Other industries,	11	16,203	21,951	14,483	15	56,376
	76	10,410,205	5,561,463	2,250,724	3,403	10,611,024
CHICAGO.						
Bread and other bakery products,	68	\$3,500,779	17,117,908	5,180,654	8,186	\$8,869,158
Brick and tile,	11	69,250	101,464	24,931	26	177,350
Other industries,	5	119,815	14,125	31,887	57	69,900
	46	23,311,714	17,002,314	5,073,816	8,333	28,621,902
EVERETT.						
Boot and shoe cut stock and findings,	85	\$6,408,447	6,510,768	2,046,660	3,266	15,919,800
× Boots and shoes,	3	33,080	45,548	14,068	43	75,217
Bread and other bakery products,	3	342,355	682,109	327,261	538	1,287,341
Foundry and machine-shop products,	9	8,475	49,114	9,827	20	80,160
Other industries,	9	839,971	474,110	281,284	369	957,834
	61	25,184,666	5,259,872	1,413,610	2,236	10,818,648

FALL RIVER.

	816	80,689,888	57,161,487	16,180,748	96,884	64,688,148
Bread and other bakery products,	88	230,177	606,620	127,466	197	1,017,232
Confectionery and ice cream,	12	50,376	72,863	13,439	23	124,343
Copper, tin, and sheet-iron products,	8	37,367	21,727	23,971	36	74,928
Cotton goods,	45	66,686,373	29,255,913	13,061,576	30,427	49,516,027
Cotton small wares,	6	605,356	303,248	107,261	331	478,964
Foundry and machine-shop products,	27	953,597	433,173	341,791	570	1,063,967
Lumber, planing-mill products,	5	86,600	61,968	47,487	70	138,081
Marble and stone work,	4	39,045	10,401	19,325	31	37,883
Mineral and soda waters,	7	13,450	10,366	8,066	13	32,010
Monuments and tomb stones,	6	40,059	16,250	12,516	14	38,447
Printing and publishing, book and job,	15	79,936	43,479	33,178	54	127,377
Printing and publishing, newspapers and periodicals,	7	302,063	83,913	120,069	141	298,767
Sausage, not made in slaughtering and meat-packing establishments,	8	20,705	145,367	16,109	21	210,330
Tobacco manufactures,	6	7,089	7,572	2,682	4	21,200
Other industries,	71	20,130,716	5,996,548	2,178,476	4,903	11,516,563
FRANCISBURG.						
Bread and other bakery products,	157	24,830,663	15,096,717	4,314,553	8,337	33,963,348
Confectionery and ice cream,	19	56,715	159,137	41,151	64	270,986
Cotton goods,	4	15,335	45,908	5,439	18	69,964
Foundry and machine-shop products,	6	6,112,505	3,255,351	1,279,311	2,895	4,799,023
Marble and stone work,	23	2,086,686	579,148	432,069	663	1,253,506
Mineral and soda waters,	5	63,591	6,967	14,979	19	33,044
Paper and wood pulp,	5	23,915	6,890	1,364	3	15,172
	4	6,240,771	4,714,991	851,501	1,347	6,892,099

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-Earners	Value of Product
FITCHBURG — Concluded.						
Printing and publishing, book and job,	5	\$142,237	\$23,349	\$32,135	47	\$107,623
Printing and publishing, newspapers and periodicals,	7	77,877	23,396	42,855	54	172,892
Tobacco manufactures,	5	9,433	7,282	5,444	9	20,149
Wood, turned and carved,	3	47,679	26,779	22,573	44	74,158
Other industries,	53	10,003,109	6,244,515	2,095,872	3,674	10,284,718
GLOUCESTER.						
Bread and other bakery products,	37	7,110,303	6,689,804	1,337,341	3,814	8,653,364
Canning and preserving, fish,	7	54,256	101,926	27,431	53	151,917
Clothing, men's,	16	3,051,068	3,539,164	546,463	1,315	4,900,580
Foundry and machine-shop products,	5	50,186	82,767	27,338	88	135,600
Ship building, wooden, including boat building,	4	47,796	13,609	16,856	24	37,743
Tobacco manufactures,	9	99,353	20,735	18,563	28	64,900
Other industries,	6	5,698	10,113	7,850	17	37,996
	40	3,201,946	1,821,590	692,290	1,239	3,209,138
HAVREHILL.						
Boot and shoe out stock and findings,	398	18,415,158	26,512,187	8,614,454	13,281	48,409,248
Boots and shoes,	137	4,015,571	7,925,531	989,838	1,821	10,321,401
Borses, fancy and paper,	126	9,040,542	14,569,417	6,318,264	9,351	26,319,953
	5	137,764	163,738	87,806	155	285,322

	30	75,591	176,968	41,619	60	282,752
Bread and other bakery products,						
Cutlery and tools, not elsewhere specified,	3	10,761	3,456	11,764	14	31,270
Foundry and machine-shop products,	5	69,579	41,133	58,244	72	139,810
Models and patterns, not including paper patterns,	6	23,301	9,234	32,184	38	68,816
Mucilage and paste,	4	19,015	20,012	3,216	4	33,381
Printing and publishing,	18	179,491	74,170	69,049	71	269,701
Tobacco manufactures,	4	5,405	3,856	3,925	6	12,704
Other industries,	60	4,388,396	3,524,323	1,019,595	1,089	5,643,747
HOREKA.	222	51,698,043	26,393,448	8,994,970	17,493	44,041,165
Automobile repairing,	6	53,950	3,616	9,238	10	23,200
Bread and other bakery products,	33	222,133	313,190	88,473	124	660,774
Flour-mill and grist-mill products,	3	21,350	110,902	2,323	4	118,374
Foundry and machine-shop products,	18	3,566,870	886,305	584,920	895	2,173,844
Lumber, planing-mill products,	4	292,149	366,495	136,642	132	641,353
Mineral and soda waters,	3	5,810	4,968	2,950	5	19,250
Paper and wood pulp,	21	13,885,129	8,271,811	2,486,794	4,689	13,178,535
Paper goods, not elsewhere specified,	5	1,218,006	1,257,771	282,435	496	1,931,564
Printing and publishing, book and job,	14	106,005	29,264	34,324	61	109,108
Printing and publishing, newspapers and periodicals,	9	195,806	52,414	68,564	76	266,134
Sausage, not made in slaughtering and meat-packing establishments,	7	14,355	48,990	7,408	9	73,632
Stationery goods, not elsewhere specified,	7	1,699,288	924,064	324,032	655	1,891,009
Tobacco manufactures,	13	48,370	39,506	42,256	64	117,768
Other industries,	79	30,417,932	13,083,112	4,915,212	10,223	22,937,600

1 Not including bookbinding and blank-book making.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-Earners	Value of Product
LAWRENCE.						
Artificial stone products,	221	\$69,639,636	\$45,169,350	\$16,773,448	31,043	\$73,177,303
Bread and other bakery products,	4	12,450	9,005	6,012	10	30,300
Brooms,	59	260,133	476,031	108,364	171	799,739
Cotton goods,	3	9,200	14,289	8,070	12	36,323
Foundry and machine-shop products,	4	9,123,792	4,656,431	1,832,666	4,189	7,143,137
	21	1,425,826	660,902	459,483	730	1,443,267
Models and patterns, not including paper patterns,	3	6,840	1,578	7,329	8	12,785
Printing and publishing,	20	249,978	82,298	93,223	119	263,964
Sausage, not made in slaughtering and meat-packing establishments,	11	41,556	91,753	16,810	26	135,328
Tobacco manufactures,	5	4,576	6,674	7,415	10	19,494
Woolen and worsted goods,	11	63,365,499	32,596,609	10,456,724	20,565	51,584,497
Other industries,	80	20,134,775	6,327,060	2,762,447	5,203	11,710,180
LOWELL.						
Boots and shoes,	300	63,714,844	\$3,104,324	14,001,630	29,904	66,043,641
Boxes, fancy and paper,	9	1,119,172	2,354,750	684,251	1,485	3,549,043
Boxes, wooden packing,	3	169,109	85,264	73,232	148	212,861
Bread and other bakery products,	7	363,016	476,565	113,798	232	666,219
Confectionery and ice cream,	57	170,408	415,183	145,726	221	734,044
Confectionery,	7	11,660	24,180	5,484	8	56,771
Ice cream,	4	5,800	12,209	2,438	4	19,971
	3	5,860	21,871	2,936	4	36,800

Copper, tin, and sheet-iron products,	6	23,164	30,768	18,046	30	58,572
Cotton goods,	8	28,195,470	14,293,517	5,735,602	13,066	22,006,921
Cotton small wares,	4	124,217	94,353	34,076	76	172,412
Foundry and machine-shop products,	26	4,370,300	1,233,182	1,122,351	1,841	2,788,452
Lumber, planing-mill products,	8	306,087	301,299	83,612	114	471,034
Mattresses and spring beds,	3	16,306	24,063	7,467	18	40,820
Mineral and soda waters,	7	43,948	14,884	7,446	13	39,060
Monuments and tombstones,	9	10,180	7,256	7,724	11	32,685
Patent medicines and compounds and druggists' preparations,	8	1,093,777	331,353	92,111	160	795,241
Printing and publishing, ¹	22	503,273	279,702	163,649	209	664,240
Tobacco manufactures,	10	24,475	24,221	14,065	25	59,068
Wood, turned and carved,	4	248,918	181,572	138,060	354	408,325
Woolen and worsted goods,	9	4,100,687	2,436,436	931,019	1,916	3,923,754
Other industries,	93	27,944,732	10,510,441	4,605,121	9,977	18,353,029
LYNN.						
Blackings, stains, and dressings,	439	44,552,508	38,695,177	16,593,439	45,339	69,783,118
Boot and shoe cut stock and findings,	10	120,256	296,280	43,352	62	625,451
Boots and shoes,	88	5,294,435	11,730,402	760,583	1,448	13,894,248
Bones, fancy and paper,	106	12,825,756	16,278,174	8,031,264	12,331	30,066,315
Bread and other bakery products,	5	428,939	410,744	177,025	353	735,948
Carriages and wagons, and materials,	39	216,154	445,980	154,240	206	784,033
Confectionery and ice cream,	6	44,837	19,265	24,970	33	59,022
Foundry and machine-shop products,	4	46,335	54,241	10,298	17	82,305
Lasts,	28	713,921	152,968	238,041	327	563,737
Leather, tanned, curried, and finished,	8	373,450	105,391	153,591	294	389,107
	9	2,192,392	3,020,076	316,713	633	3,848,671

¹ Not including book-binding and blank-book making.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
LYNN — Concluded.						
Lumber, planing-mill products.	5	\$171,666	\$134,313	\$61,049	87	\$277,128
Mineral and soda waters.	4	51,612	24,641	16,617	21	67,087
Models and patterns, not including paper patterns.	10	36,454	14,144	33,444	41	93,973
Monuments and tombstones.	4	27,246	14,868	13,953	16	44,793
Printing and publishing, book and job.	21	221,121	123,774	82,891	145	344,845
Printing and publishing, newspapers and periodicals.	6	205,423	81,870	136,799	146	336,924
Tobacco manufactures.	6	9,770	12,185	10,427	18	32,345
Other industries.	70	21,328,381	5,779,771	5,380,101	9,221	17,676,391
MALDEN.						
All industries.	93	11,346,833	3,848,693	1,477,471	2,850	8,366,344
	92	11,346,833	3,248,693	1,477,471	2,850	8,366,344
MAHARBOUGH.						
All industries.	43	3,155,909	6,467,886	2,119,443	3,322	9,983,632
	43	3,155,909	6,467,886	2,119,443	3,322	9,983,632
MEDFORD.						
All industries.	54	2,368,772	1,855,336	555,868	559	2,618,893
	54	2,368,772	1,855,336	555,868	559	2,618,893
MELROSE.						
All industries.	26	3,472,706	1,334,121	481,407	962	2,499,029
	26	3,472,706	1,334,121	481,407	962	2,499,029

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.		Number of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
NORTH ADAMS.							
Bread and other bakery products,	.	70	\$19,089,243	\$6,597,137	\$2,775,438	5,383	\$10,939,576
Foundry and machine-shop products,	.	10	213,264	355,134	75,221	153	614,004
Mineral and soda waters,	.	5	339,167	104,866	101,014	163	316,898
Printing and publishing,	.	5	8,030	4,625	2,035	4	12,920
Tobacco manufactures,	.	7	104,915	37,557	45,023	73	132,280
Other industries,	.	8	21,653	30,169	30,930	51	83,750
	.	35	12,401,729	5,164,776	2,520,805	4,845	9,763,773
NORTHAMPTON.							
Bread and other bakery products,	.	75	11,080,040	3,833,830	1,960,119	3,446	8,580,780
Cutlery and tools, not elsewhere specified,	.	11	70,680	126,098	32,777	53	238,304
Printing and publishing,	.	4	541,133	126,961	239,621	429	451,300
Tobacco manufactures,	.	7	63,431	24,249	32,068	43	113,371
Other industries,	.	6	12,631	14,407	9,051	14	36,763
	.	47	10,377,165	3,566,655	1,646,502	2,907	7,750,492
PITTSFIELD.							
Bread and other bakery products,	.	84	\$2,069,938	9,180,536	4,632,317	7,490	\$3,241,367
Lumber and timber products,	.	18	91,633	175,461	49,553	71	300,266
Printing and publishing,	.	5	110,026	35,789	26,796	32	85,937
Woolen and worsted goods,	.	11	163,771	90,317	84,455	107	266,378
Other industries,	.	5	2,337,333	2,008,776	1,037,370	1,032	3,637,202
	.	45	19,367,000	6,318,991	3,463,943	5,348	17,901,354

QUINCY.		177	11,376,768	6,087,779	4,434,585	5,783	13,087,453
Bread and other bakery products,	.	10	10,600	55,056	11,623	30	81,749
Cutlery and tools, not elsewhere specified,	.	4	49,183	26,788	15,402	32	60,967
Foundry and machine-shop products,	.	9	2,178,246	239,611	310,033	418	963,287
Marble and stone work,	.	12	663,399	110,723	151,377	178	419,007
Monuments and tombstones,	.	105	1,319,370	675,200	779,963	1,012	2,192,386
Printing and publishing,	.	8	33,332	10,490	14,600	27	63,307
Other industries,	.	29	7,132,773	3,979,941	3,301,430	4,106	8,326,869
SALEM.		178	9,833,680	8,146,317	5,806,913	5,394	13,693,688
Boot and shoe out stock and findings,	.	26	346,241	664,149	156,950	394	997,431
Boots and shoes,	.	12	1,872,228	2,713,140	1,141,786	2,159	4,605,760
Bread and other bakery products,	.	21	95,336	199,535	55,252	87	317,614
Foundry and machine-shop products,	.	16	343,635	134,897	102,001	141	322,222
Leather, tanned, curried, and finished,	.	31	1,516,107	3,441,143	618,227	1,102	3,708,309
Mineral and soda waters,	.	4	36,047	12,905	3,208	6	30,192
Printing and publishing, ¹	.	15	240,398	96,000	76,761	119	341,674
Other industries,	.	53	5,373,633	1,833,008	648,643	1,386	3,269,343
SOMERVILLE.		144	20,399,406	36,496,539	5,539,631	5,439	43,971,391
Bread and other bakery products,	.	31	198,305	338,067	119,940	173	667,574
Carriages and wagons, and materials,	.	4	75,004	21,309	31,138	45	71,845
Confectionery and ice cream,	.	8	85,074	181,303	46,620	77	311,197
Foundry and machine-shop products,	.	10	196,007	87,324	53,480	79	210,339
Printing and publishing,	.	17	53,007	22,013	26,792	44	113,635
Other industries,	.	74	20,239,099*	35,799,024	3,059,664	5,012	42,596,351

* Not including bookbinding and blank-book making.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
 B. THE 33 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
SPRINGFIELD.						
Automobiles, including bodies and parts,	395	\$44,759,557	\$31,915,186	\$9,350,465	14,240	\$44,438,854
Automobile repairing,	7	1,799,577	758,039	444,026	478	1,324,284
Brass, bronze, and copper products,	11	73,745	26,523	34,203	39	115,275
Bread and other bakery products,	6	340,537	279,137	117,089	176	480,484
Carriages and wagons, and materials,	46	704,537	756,120	191,165	286	1,414,101
Copper, tin, and sheet-iron products,	7	136,524	41,742	30,741	38	105,124
Cutlery and tools, not elsewhere specified,	10	97,115	69,427	59,398	78	179,245
Fancy articles, not elsewhere specified,	5	715,522	127,160	227,681	339	784,291
Foundry and machine-shop products, ¹	4	74,001	43,162	29,265	74	113,773
Lumber, planing-mill products,	39	4,959,885	1,072,271	1,021,220	1,446	3,288,500
Matresses and spring beds,	5	212,651	230,744	64,165	79	342,738
Mineral and soda waters,	6	184,460	102,395	24,309	66	177,168
Models and patterns, not including paper patterns,	8	46,868	27,371	12,517	18	66,983
Paper goods, not elsewhere specified,	5	16,428	3,579	26,046	23	49,878
Photo-engraving,	7	1,291,306	987,818	253,916	479	1,584,295
Printing and publishing,	4	29,129	8,440	50,252	46	90,415
Tobacco manufactures,	59	4,218,863	1,037,150	815,627	1,166	3,756,770
Other industries,	26	346,943	414,334	346,230	487	920,205
	140	30,504,416	12,948,774	5,692,325	8,917	29,635,155

TAUNTON.		116	17,698,318	8,106,284	4,124,284	7,371	16,885,318
Bread and other bakery products,	.	11	85,554	164,060	47,585	70	266,375
Brick and tile,	.	4	439,636	92,416	120,092	225	304,106
Cotton goods,	.	8	6,604,569	3,183,919	1,307,177	2,915	5,379,096
Foundry and machine-shop products,	.	11	2,860,731	503,305	546,377	864	1,392,496
Lumber and timber products,	.	4	44,700	37,345	23,842	35	53,388
Mineral and soda waters,	.	3	12,200	6,206	3,070	8	16,500
Printing and publishing,	.	9	149,308	46,687	49,230	78	162,466
Stoves and hot-air furnaces, not including gas and oil stoves,	.	6	1,163,448	524,323	635,542	817	1,704,061
Tobacco manufactures,	.	6	15,775	17,687	13,656	26	43,120
Other industries,	.	53	6,318,404	3,531,377	1,379,113	2,343	6,634,226
WALFHAM.		88	22,892,313	8,316,435	4,004,598	6,465	10,536,919
Bread and other bakery products,	.	9	74,830	196,667	43,737	55	305,628
Confectionery and ice cream,	.	6	5,700	28,736	6,773	11	53,700
Foundry and machine-shop products,	.	15	809,334	228,540	280,318	410	679,345
Marble and stone work,	.	4	10,400	5,005	4,113	6	16,350
Tobacco manufactures,	.	3	5,345	8,182	7,900	9	21,631
Watch and clock materials,	.	4	104,495	24,137	67,371	108	131,627
Other industries,	.	47	21,231,619	3,317,188	3,595,087	5,866	9,029,631
WOSUW.		57	9,773,066	3,351,580	914,653	1,545	5,517,806
Boot and shoe cut stock and findings,	.	4	109,312	71,243	24,310	81	118,526
Bread and other bakery products,	.	4	8,100	21,460	9,532	15	39,100
Foundry and machine-shop products,	.	6	361,543	118,334	90,243	143	285,043
Leather, tanned, curried, and finished,	.	19	7,201,716	2,338,537	533,887	919	3,431,202
Other industries,	.	24	2,091,166	801,816	246,181	408	1,023,037

1 Not including automobile repairing, the figures for which are separately presented.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
 B. THE 33 CITIES: BY INDUSTRIES — Concluded.

CITIES AND INDUSTRIES.		Number of Es- tabli- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
WORCESTER.		608	\$79,845,087	\$45,798,931	\$17,832,288	29,458	\$38,829,366
Avrings, tents, and sails,	.	4	9,090	11,028	4,688	12	30,424
Boots and shoes,	.	9	1,541,880	1,796,787	503,980	909	2,627,744
Brass, bronze, and copper products,	.	4	53,453	35,950	12,907	16	56,584
Bread and other bakery products,	.	71	474,587	917,107	231,235	397	1,507,615
Carriages and wagons, and materials,	.	10	165,129	57,092	58,193	78	170,218
Clothing, men's,	.	13	297,233	404,331	109,331	240	668,430
Clothing, women's,	.	19	699,508	924,191	315,404	834	1,651,563
Confectionery and ice cream,	.	13	71,344	124,310	32,767	46	\$28,724
Confectionery,	.	8	31,751	70,656	21,277	29	122,174
Ice cream,	.	5	39,603	53,554	11,490	17	116,610
Copper, tin, and sheet-iron products, ¹	.	17	1,020,292	472,334	317,566	518	1,191,014
Cutlery and tools, not elsewhere specified,	.	12	798,047	198,151	276,379	337	656,483
Electroplating,	.	5	19,914	11,973	17,805	33	45,465
Engraving and diecasting,	.	4	2,195	110	1,650	3	7,821
Foundry and machine-shop products,	.	89	15,870,648	4,543,192	4,019,618	6,048	12,225,893
Lumber, planing-mill products,	.	9	1,406,692	483,490	303,275	398	891,333
Mineral and soda waters,	.	7	96,394	61,876	30,514	39	141,279

Models and patterns, not including paper patterns,	4	11,708	6,589	18,972	24	38,244
Patent medicines and compounds, and druggists' preparations,	11	171,350	78,897	39,536	79	177,912
Photographic materials,	3	88,639	34,736	20,913	37	92,980
Printing and publishing,	59	895,775	448,401	451,111	600	1,638,649
Sausage, not made in slaughtering and meat-packing establishments,	4	65,736	225,766	28,723	39	277,400
Tobacco manufactures,	20	55,363	77,728	50,604	83	173,007
Window shades and fixtures,	3	54,638	17,147	7,992	15	39,980
Wirework, including wire rope and cable,	9	2,731,615	1,236,873	554,339	1,066	2,603,894
Woolen and worsted goods,	12	2,004,339	2,291,969	691,805	1,533	3,586,143
Other industries,	195	50,636,804	31,334,508	9,532,249	15,928	52,111,608
TOTAL FOR THE 33 CITIES,	3,698	81,153,088,785	6639,165,668	8219,888,878	438,830	81,917,096,816

¹ Includes 11 establishments manufacturing stamped and enameled ware.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES.

INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
METROPOLITAN BOSTON.						
Artificial stone,	5,153	\$474,352,526	\$323,455,579	\$107,139,932	172,375	\$584,115,582
Automobiles, including bodies and parts,	17	236,098	106,358	138,301	197	388,449
Automobile repairing and vulcanizing,	27	2,473,254	2,197,519	1,054,442	1,388	4,334,090
Awnings, tents, and sails,	31	184,451	124,446	146,603	166	392,894
Baskets, and rattan and willow ware,	25	183,229	320,209	132,881	208	608,551
Belting and hose, leather,	6	13,055	22,618	13,021	29	52,832
Billiard tables and materials,	4	310,126	623,408	36,290	52	903,887
Blackings, stains, and dressings,	5	137,789	105,722	31,362	41	192,334
Bookbinding and blank-book making,	32	1,033,993	1,490,537	214,842	438	2,625,956
Boot and shoe cut stock and findings,	63	1,399,333	685,009	915,822	1,737	2,276,226
Boots and shoes,	151	12,723,892	25,751,926	1,606,388	2,965	30,015,043
Boxes, fancy and paper,	147	28,492,304	34,949,155	15,757,105	25,926	61,322,454
Boxes, wooden packing,	5	18,752,005	7,939,778	3,809,708	6,852	18,435,960
Brass, bronze, and copper products,	43	1,744,844	1,618,865	942,730	2,134	3,282,160
Bread and other bakery products,	10	1,092,829	798,537	270,911	468	1,356,911
Brick and tile,	35	1,834,605	1,385,693	539,179	806	2,400,635
	557	8,605,192	9,772,015	2,658,069	4,482	18,643,486
	10	642,003	145,026	210,555	341	460,758

Canning and preserving,	29	1,197,198	1,787,845	259,217	488	2,807,083
Carriages and wagons, and materials,	50	874,601	441,031	438,151	592	1,150,574
Chemicals,	18	4,004,418	2,124,641	585,180	820	4,263,374
Cleaning and polishing preparations,	20	273,707	292,288	33,004	53	573,690
Clothing, men's,	183	6,282,635	7,047,186	2,745,000	4,068	14,440,631
Clothing, men's, buttonholes,	3	1,060	536	1,560	4	6,072
Clothing, women's,	160	3,578,131	5,367,326	2,372,999	4,514	10,381,235
Coffee and spice, roasting and grinding,	18	3,612,738	6,332,300	253,678	454	8,581,529
Confectionery and ice cream,	184	10,189,577	19,094,689	2,661,396	6,538	19,908,466
Confectionery,	95	9,567,503	11,219,748	2,474,276	6,204	18,368,949
Ice cream,	39	561,776	874,981	187,051	244	1,534,506
Cooperage,	4	284,463	491,210	169,168	276	727,707
Copper, tin, and sheet-iron products,	74	1,853,680	1,265,680	662,968	990	2,788,404
Cordials and sirups,	9	213,301	329,178	24,872	51	519,049
Cutlery and tools, not elsewhere specified,	32	3,873,156	819,101	444,761	883	3,448,014
Dentists' materials,	8	70,214	408,920	33,313	55	484,512
Dyeing and finishing textiles,	14	1,988,743	632,213	649,051	1,109	1,595,208
Dyestuffs and extracts,	13	654,596	696,258	62,598	88	1,022,334
Electrical machinery, apparatus, and supplies,	59	37,419,716	9,512,854	7,219,873	12,262	26,346,354
Electroplating,	25	74,872	46,659	84,682	113	201,135
Enameling and japanning,	4	27,553	9,650	13,531	19	35,089
Engraving and disinking,	25	68,723	29,574	62,491	74	154,852
Engraving, steel and copper plate, including plate printing,	24	553,138	125,765	223,980	347	583,888
Fancy articles, not elsewhere specified,	15	346,796	237,902	162,154	319	548,707
Felt goods,	6	1,004,851	596,062	165,329	363	1,018,847

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
 C. METROPOLITAN BOSTON: BY INDUSTRIES — Continued.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-Earners	Value of Product
Metropolitan Boston — Continued.						
Flavoring extracts,	14	\$368,942	\$352,422	\$33,514	70	\$702,277
Flour-mill and grist-mill products,	7	119,484	137,069	4,135	8	157,165
Food preparations,	42	871,757	1,433,151	218,552	356	3,096,800
Foundry and machine-shop products,	266	22,873,067	6,712,576	5,744,693	8,090	18,728,331
Fur goods,	17	522,933	476,267	146,276	208	361,377
Furnishing goods, men's,	7	425,700	668,041	117,849	237	1,039,635
Furniture,	71	4,704,277	2,579,754	1,656,517	2,505	6,214,106
Gas and electric fixtures,	11	127,039	105,376	71,584	100	342,092
Gas, illuminating and heating,	14	40,726,406	3,165,798	799,907	1,171	8,624,168
Glass, cutting, staining, and ornamenting,	25	106,717	60,264	108,532	141	270,093
Gold and silver, leaf and foil,	8	81,264	110,899	55,437	99	197,026
Grease and tallow,	11	1,023,660	755,052	139,407	104	1,025,387
Hand stamps and stencils and brands,	20	71,927	27,731	48,881	66	162,726
Hardware,	18	317,037	100,334	103,970	141	304,344
Hats and caps, other than felt, straw, and wool,	29	185,914	396,641	163,803	278	712,407
Hosiery and knit goods,	32	5,037,415	3,344,799	1,212,668	2,532	6,146,781
House-furnishing goods, not elsewhere specified,	20	831,038	726,472	177,830	398	1,161,628

Instruments, professional and scientific,	19	1,080,764	432,368	367,354	528	1,028,081
Jewelry,	52	740,112	489,242	283,561	450	1,160,812
Jewelry and instrument cases,	7	310,222	182,208	133,494	340	470,020
<i>Leads,</i>	12	588,189	200,068	226,256	333	639,087
Leather goods, not elsewhere specified,	22	384,028	512,968	124,076	220	875,879
Leather, tanned, curried, and finished,	44	11,490,644	8,968,265	1,451,461	2,516	12,242,772
Liquors, malt, ¹	13	13,688,141	2,593,579	1,148,533	1,225	8,836,372
Looking-glass and picture frames,	26	196,264	130,299	102,083	144	414,584
Lumber and timber products,	89	3,108,464	3,010,567	1,202,171	1,533	5,205,186
Marble and stone work,	37	1,680,598	641,974	637,142	790	1,787,975
Mattresses and spring beds,	39	683,186	1,180,262	278,404	553	1,966,281
Millinery and lace goods,	60	1,601,280	2,238,092	671,674	1,547	3,945,499
Mineral and soda waters,	50	969,694	601,564	145,718	199	1,379,760
Mirrors,	8	213,612	280,237	85,076	132	440,572
Models and patterns, not including paper patterns,	37	156,642	47,905	128,048	168	324,147
Monuments and tombstones,	131	1,497,715	724,724	354,066	1,104	2,419,500
Mucilages and pastes,	11	616,459	738,058	52,039	74	1,122,208
Musical instruments and materials, not specified,	15	255,860	137,166	184,290	245	323,463
Musical instruments, pianos and organs, and materials,	28	9,209,569	2,719,322	1,680,867	2,485	5,702,320
Paints and varnishes,	24	2,710,433	2,184,164	258,007	434	4,189,003
Paper goods, not elsewhere specified,	16	402,885	353,551	147,498	352	696,271
Patent medicines and compounds, and druggists' preparations,	102	3,652,280	2,667,816	524,231	1,078	6,568,583
Photo-engraving,	21	485,449	153,890	420,196	481	1,087,365

¹ Includes one establishment having four separate plants.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES — Concluded.

Industries.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage-Earners	Value of Product
Metropolitan Boston — Concluded.						
Plumbers' supplies,	9	\$509,618	\$240,904	\$154,917	233	\$591,132
Pocketbooks,	6	50,233	78,684	38,206	66	137,036
Printing and publishing, book and job,	426	14,685,115	4,208,241	3,649,141	5,130	15,788,856
Printing and publishing, newspapers and periodicals,	243	12,434,597	6,634,462	3,433,377	3,463	19,553,869
Refrigerators,	8	193,645	151,260	92,008	83	326,702
Rubber goods, not elsewhere specified,	19	2,337,539	1,038,095	453,338	796	3,027,968
Saddlery and harness,	15	50,268	52,147	38,625	47	122,864
Sausages, not made in slaughtering and meat-packing establishments,	19	243,589	1,170,240	142,042	197	1,561,860
Screws, machine,	8	421,697	112,719	98,157	149	232,773
Shipbuilding, wooden, including boat building,	23	371,863	220,030	197,396	239	614,669
Shirts,	7	608,398	318,712	102,714	228	423,255
Show cases,	9	53,748	63,607	42,816	51	144,564
Signs and advertising novelties,	12	207,655	189,195	146,038	278	491,943
Slaughtering and meat packing,	21	15,336,554	37,082,949	1,533,561	2,473	41,366,338
Soap,	23	2,889,602	1,922,489	205,322	374	3,926,336
Stationary goods, not elsewhere specified,	7	604,972	711,975	276,168	543	1,189,151
Statuary and art goods,	12	448,523	53,500	101,382	128	273,584

Steam fittings and steam and hot-water heating apparatus,	10	5,151,802	1,225,186	1,147,550	1,801	3,387,803
Steam packing,	10	118,403	91,499	48,073	57	219,944
Stereotyping and electrotyping,	8	183,608	96,095	118,900	156	318,643
Structural ironwork,	41	2,433,923	1,499,904	977,694	1,205	3,203,183
Suspenders, garters, and elastic woven goods,	16	1,932,448	1,700,312	574,693	1,276	3,107,600
Surgical appliances,	12	139,563	99,743	81,003	125	280,839
Tobacco manufactures,	144	3,284,495	2,814,975	2,359,481	2,753	6,870,000
Trunks and valises,	17	291,963	289,893	115,533	192	558,940
Watch and clock materials,	5	137,995	37,313	84,457	158	165,755
Window and door screens and weather strips,	14	82,979	97,153	64,161	90	221,263
Window shades and fixtures,	10	150,289	265,247	37,257	63	391,264
Wirework, including wire rope and cable,	9	138,809	72,364	83,240	118	235,063
Wood, turned and carved,	11	94,387	18,170	26,144	34	61,101
Wooden goods, "not elsewhere specified,"	6	159,278	181,533	57,359	81	294,071
Woolen and worsted goods,	4	2,426,579	2,220,333	593,481	1,066	3,445,335
Other industries,	404	122,150,753	65,333,959	20,268,337	31,533	109,782,032

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

D. METROPOLITAN BOSTON.

[Arranged in order of Product Value.]

CITIES AND TOWNS.		Number of Es- tabli- sh- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wago- Eamers	Value of Product
METROPOLITAN BOSTON.							
Boston,	.	5,152	\$474,322,526	\$222,455,579	\$197,129,922	172,375	\$584,115,523
LYNN,	.	3,188	215,176,513	150,608,280	49,444,277	78,894	284,802,479
CAMBRIDGE,	.	429	44,252,508	38,695,177	15,593,482	25,339	69,783,418
SOMERVILLE,	.	316	48,999,293	31,634,696	10,216,990	16,749	87,483,949
CHELSEA,	.	144	20,896,406	36,496,539	3,339,681	5,429	43,971,291
WATERTOWN,	.	123	12,418,891	9,414,598	3,853,913	6,241	16,971,028
EVERETT,	.	30	10,942,555	6,693,617	2,855,286	4,787	14,764,326
QUINCY,	.	85	26,408,547	6,510,753	2,046,650	3,226	13,219,200
WALTHAM,	.	177	11,376,792	5,087,779	4,584,382	5,783	12,097,452
MALDEN,	.	88	22,292,212	3,815,435	4,004,598	6,465	10,236,912
Weymouth,	.	92	11,346,838	3,248,693	1,477,471	2,860	8,366,344
Wakefield,	.	40	7,601,946	5,068,347	1,196,197	2,074	8,261,041
NEWTON,	.	22	4,204,979	3,143,814	1,195,573	2,008	6,087,669
WOBURN,	.	58	5,831,468	3,141,793	1,184,576	2,164	5,832,853
Winchester,	.	57	9,772,036	3,351,380	914,653	1,565	5,517,806
Braintree,	.	19	2,537,427	3,602,002	643,440	1,048	5,169,479
Canton,	.	18	3,309,912	3,439,993	1,191,692	1,812	4,608,791
	.	18	2,888,092	1,969,504	509,505	879	3,201,761

Manroad,	54	2,368,772	1,835,336	355,968	559	2,618,893
Melrose,	26	3,472,706	1,334,131	484,407	903	2,490,039
Stoneham,	23	1,121,548	1,566,176	497,002	1,041	2,481,775
Needham,	24	1,807,618	893,045	414,730	748	1,914,023
Brookline,	21	1,122,761	217,875	238,908	335	683,502
Arlington,	19	1,056,411	276,850	185,076	246	641,092
Wellesley,	10	772,474	370,971	136,184	257	627,240
Dedham,	15	615,386	210,541	120,326	256	437,690
Belmont,	9	167,823	239,308	86,684	140	387,443
Revere,	27	445,424	219,667	68,633	80	349,696
Lexington,	11	447,597	178,831	57,607	90	336,343
Milton,	6	178,465	72,492	37,098	58	176,743
Hingham,	8	193,486	59,565	68,327	124	166,766
Winthrop,	10	110,488	38,134	11,256	16	77,994
Saugus,	12	88,994	32,511	18,409	32	70,645
Swampscott,	7	23,776	31,943	8,788	13	54,802
Other towns, ¹	17	862,381	120,788	98,563	115	311,128

¹ Includes Cohasset, Dover, Hull, Nahant, Weston, and Westwood.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

E. FOR 117 TOWNS: BY INDUSTRIES.

[For towns other than those given below, the figures cannot be presented without disclosing the operations of individual establishments.]

TOWNS AND INDUSTRIES.		Number of Es- tab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
Abington, . . . . .	.	22	\$2,867,771	\$2,336,199	\$932,080	1,478	\$4,751,315
Acton, . . . . .	.	12	1,413,160	455,513	155,319	227	844,450
Adams, . . . . .	.	35	7,119,510	3,797,219	1,793,455	3,980	6,530,535
Bread and other bakery products, . . . . .	.	6	73,373	54,654	16,106	26	105,159
Cotton goods, . . . . .	.	4	5,513,961	2,065,442	1,500,683	3,314	5,089,455
Tobacco manufactures, . . . . .	.	6	13,248	6,539	3,694	8	16,436
Other industries, . . . . .	.	19	1,519,729	770,534	273,032	532	1,319,133
Amesbury, . . . . .	.	69	2,204,051	1,304,377	1,009,000	1,451	3,451,454
Automobiles, including bodies and parts, . . . . .	.	14	1,083,989	792,978	551,284	624	1,708,764
Boots and shoes, . . . . .	.	3	201,720	267,059	116,403	208	464,118
Bread and other bakery products, . . . . .	.	3	5,460	23,554	6,612	9	39,350
Shipbuilding, wooden, including boat building, . . . . .	.	6	40,849	42,661	14,060	23	70,200
Other industries, . . . . .	.	33	1,302,098	678,615	320,642	588	1,260,002
Amherst, . . . . .	.	21	1,317,676	872,723	285,924	488	1,437,990
Andover, . . . . .	.	13	3,407,534	1,414,398	638,859	1,265	3,748,108
Arlington, . . . . .	.	19	1,066,411	276,560	185,076	246	641,092
Ashburnham, . . . . .	.	12	915,757	211,988	201,793	341	553,313
Athol, . . . . .	.	43	7,553,949	2,251,848	1,348,371	2,377	4,748,224

x

Attleborough,	151	15,845,504	7,379,247	3,218,140	6,668	13,940,284
Electroplating,	5	46,203	20,465	13,773	29	51,155
Engraving and dieinking,	11	52,707	4,588	31,184	46	65,996
Jewelry,	90	8,226,477	4,401,305	2,075,255	3,390	8,353,935
Other industries,	45	7,330,118	2,983,941	1,397,938	2,593	5,475,768
Ayer,	14	244,022	142,709	75,836	141	304,907
Barnstable,	15	54,574	57,373	22,271	43	109,039
Barre,	9	2,170,068	734,222	340,363	733	1,395,785
Becket,	8	219,180	97,453	49,068	101	208,942
Belmont,	9	167,323	239,308	86,684	140	387,443
Billerica,	10	4,998,044	1,470,568	558,016	955	2,423,427
Braintree,	18	3,309,912	3,439,993	1,191,692	1,812	4,008,791
Bridgewater,	21	2,455,841	4,308,059	1,510,799	2,396	6,555,266
Brookfield,	4	414,612	574,000	152,722	249	914,316
Brookline,	21	1,122,761	217,575	233,908	335	668,502
Canton,	18	2,893,092	1,969,504	509,505	579	3,201,761
Chester,	9	539,366	159,874	45,498	95	307,996
Clinton,	36	8,575,076	3,610,353	1,833,990	4,064	6,735,397
Concord,	6	519,577	312,388	127,903	200	580,592
Dalton,	10	1,583,396	902,576	395,093	724	1,995,760
Denver,	27	2,096,702	2,298,553	645,241	1,700	3,797,541
Dedham,	15	615,356	210,541	120,326	256	437,690
Deerfield,	9	247,445	171,716	79,277	141	327,955
Dighton,	10	581,370	742,133	403,807	648	1,530,275
Douglas,	11	749,554	442,046	199,210	432	766,991
Dudley,	10	2,231,530	1,175,114	556,109	1,176	1,971,815

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.

E. FOR 117 TOWNS: BY INDUSTRIES — Continued.

TOWNS AND INDUSTRIES.		Number of Es- tablsh- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
Easthampton,	.	25	\$7,022,198	\$7,453,983	\$1,560,501	3,228	\$10,019,360
Easton,	.	10	2,986,987	648,776	307,810	532	1,284,825
Erving,	.	6	952,460	578,570	384,320	623	1,248,237
Essex,	.	6	51,980	30,751	15,422	28	68,184
Foxborough,	.	15	777,589	342,608	225,119	379	800,072
Framingham,	.	49	9,284,889	4,447,083	2,260,880	3,963	8,736,574
Franklin,	.	27	2,105,794	1,760,344	549,027	986	2,986,317
Gardner,	.	64	15,538,991	3,079,460	\$,081,024	3,964	7,449,987
Bread and other bakery products,	.	6	12,850	52,655	19,428	29	96,060
Foundry and machine-shop products,	.	8	230,535	81,585	67,783	123	213,877
Furniture,	.	17	11,811,476	2,132,263	1,533,020	3,005	5,243,942
Printing and publishing,	.	5	60,311	13,962	19,588	32	51,887
Tobacco manufactures,	.	3	3,765	3,176	808	3	7,150
Other industries,	.	25	1,424,994	795,809	423,388	773	1,737,191
Georgetown,	.	7	166,066	221,776	76,083	154	365,872
Grafton,	.	14	2,048,029	1,724,729	718,071	1,468	2,966,227
Great Barrington,	.	21	3,232,140	1,408,728	503,319	1,035	2,323,797
Greenfield,	.	50	4,465,297	1,422,425	876,790	1,902	3,537,101
Hanover,	.	8	888,625	666,327	215,631	447	1,082,080
Hanson,	.	8	263,788	184,912	84,810	136	382,943

Hingham,	.	.	.	.	.	.	.	193,486	59,565	68,337	124	166,756
Hudson,	.	.	.	.	.	.	.	3,850,968	3,637,428	1,105,909	3,173	5,596,557
Kingston,	.	.	.	.	.	.	.	379,763	146,788	85,038	139	282,856
Lee,	.	.	.	.	.	.	.	1,784,029	963,264	483,667	964	1,707,760
Leicester,	.	.	.	.	.	.	.	1,332,953	928,907	435,234	778	1,762,537
Leominster,	.	.	.	.	.	.	.	6,610,197	5,409,908	2,571,981	4,989	10,888,084
Bread and other bakery products,	.	.	.	.	.	.	.	14,777	65,434	19,663	26	105,772
Combs and hairpins,	.	.	.	.	.	.	.	1,302,552	1,566,218	745,391	1,410	2,891,368
Foundry and machine-shop products,	.	.	.	.	.	.	.	66,140	10,372	20,808	27	47,004
Other industries,	.	.	.	.	.	.	.	5,237,728	3,767,984	1,788,530	3,466	7,798,965
Lexington,	.	.	.	.	.	.	.	447,597	178,861	87,607	90	336,343
Manchester,	.	.	.	.	.	.	.	85,272	26,284	25,839	33	84,277
Mansfield,	.	.	.	.	.	.	.	2,139,545	1,414,282	405,894	743	2,386,230
Marblehead,	.	.	.	.	.	.	.	668,888	690,388	481,545	760	1,363,611
Boots and shoes,	.	.	.	.	.	.	.	371,380	569,157	344,391	645	1,080,477
Bread and other bakery products,	.	.	.	.	.	.	.	11,372	22,806	7,682	11	39,151
Shipbuilding, wooden, including boat building,	.	.	.	.	.	.	.	75,833	22,371	29,499	35	79,184
Other industries,	.	.	.	.	.	.	.	194,047	74,994	49,971	69	154,799
Medway,	.	.	.	.	.	.	.	423,754	489,638	240,053	400	778,622
Merrimac,	.	.	.	.	.	.	.	296,857	109,006	95,063	131	413,591
Methuen,	.	.	.	.	.	.	.	5,196,660	2,940,318	854,876	1,940	4,461,111
Middleborough,	.	.	.	.	.	.	.	3,413,023	2,245,361	949,318	1,700	5,089,692
Milford,	.	.	.	.	.	.	.	2,287,060	2,298,179	991,698	1,719	4,088,198
Boots and shoes,	.	.	.	.	.	.	.	746,219	1,268,318	410,051	729	1,919,557
Bread and other bakery products,	.	.	.	.	.	.	.	18,886	53,394	14,524	24	96,034
Slaughtering and meat packing,	.	.	.	.	.	.	.	23,750	35,251	2,992	3	49,772
Tobacco manufactures,	.	.	.	.	.	.	.	58,253	28,946	25,100	38	77,152
Other industries,	.	.	.	.	.	.	.	1,430,942	907,270	539,081	955	1,885,977

✕

✕

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Continued.
 E. FOR 117 TOWNS: BY INDUSTRIES — Continued.

TOWNS AND INDUSTRIES.	Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
Millbury,	27	\$2,603,366	\$1,254,817	\$429,874	814	\$2,068,186
Milton,	6	178,465	72,402	37,098	58	176,742
Monson,	9	1,227,770	988,942	382,535	639	1,648,478
Montague,	21	2,255,896	997,916	614,303	1,140	2,082,703
Natick,	28	\$,666,461	\$,317,828	744,206	1,347	4,668,263
Boots and shoes,	9	1,935,132	2,481,664	518,512	927	3,297,387
Other industries,	29	731,329	835,864	226,394	420	1,268,916
Needham,	24	1,807,618	868,045	414,780	748	1,914,088
Hand-knit goods,	5	14,900	3,770	3,000	6	15,763
Hosiery and knit goods,	8	1,571,706	677,604	346,391	627	1,511,419
Other industries,	11	221,013	170,571	64,239	115	386,843
North Andover,	8	1,781,742	1,648,859	664,088	1,181	2,739,633
North Attleborough,	74	\$,706,598	1,914,164	1,383,269	5,260	4,967,765
Bread and other bakery products,	3	12,082	23,611	9,376	13	41,104
Jewelry,	40	4,013,909	1,269,052	968,638	1,570	3,187,066
Other industries,	31	1,679,631	622,491	405,245	667	1,639,565
North Brookfield,	9	1,372,632	789,421	202,070	463	1,216,807
North Reading,	6	108,713	69,502	44,087	72	162,536
Northbridge,	19	5,726,923	2,006,981	1,869,009	3,255	4,618,912
Northborough,	6	50,640	21,132	30,026	56	80,427

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1914 — Concluded.
 E. FOR 117 TOWNS: BY INDUSTRIES — Concluded.

TOWNS AND INDUSTRIES.		Number of Es- tablish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Number of Wage- Earners	Value of Product
South Hadley,	.	13	\$1,704,348	\$975,714	\$315,449	550	\$1,665,838
Southbridge,	.	35	7,649,324	3,287,883	2,271,618	4,333	7,846,430
Spencer,	.	18	1,654,377	1,554,187	624,013	1,368	2,813,838
Stoneham,	.	23	1,121,548	1,566,176	497,802	1,041	2,481,775
Stoughton,	.	21	2,141,876	1,934,466	758,325	1,296	3,669,168
Swampscott,	.	7	23,776	31,948	8,788	13	84,803
Templeton,	.	19	1,898,534	1,181,505	516,094	903	\$1,80,871
Furniture,	.	7	784,330	340,599	227,423	431	677,508
Other industries,	.	12	1,114,304	844,906	287,672	473	1,503,363
Townsend,	.	8	289,571	143,863	138,767	225	410,008
Uxbridge,	.	16	2,168,060	1,647,896	537,576	1,097	2,430,249
Wakefield,	.	22	4,204,979	3,143,814	1,195,573	2,008	6,057,659
Walpole,	.	16	5,975,531	4,747,898	1,064,671	1,555	7,632,880
Ware,	.	23	3,080,497	2,537,592	1,074,992	2,495	4,094,833
Wareham,	.	18	2,384,439	531,391	365,314	639	1,024,963
Warren,	.	9	1,493,168	1,186,477	535,789	1,277	1,669,241
Watertown,	.	30	10,942,565	6,090,917	2,856,286	4,767	14,764,326
Wellesley,	.	10	773,474	370,971	136,184	267	627,240

West Springfield,	29	6,154,437	2,410,324	1,530,574	2,209	5,039,953
West Stockbridge,	10	833,791	84,953	72,793	132	203,154
Westborough,	17	609,538	678,009	259,756	453	1,137,877
Westfield,	100	8,305,895	3,434,065	2,187,369	3,554	8,490,459
Bread and other bakery products, .	10	35,378	63,859	20,701	29	114,819
Printing and publishing,	7	55,638	8,843	17,198	36	40,684
Tobacco manufactures,	17	269,171	185,351	128,841	233	455,693
Whips,	20	2,405,433	1,072,718	471,041	953	2,954,592
Other industries,	46	5,540,380	2,103,285	1,489,488	2,345	5,144,652
Westford,	17	1,648,234	1,935,132	473,560	885	2,624,310
Weymouth,	40	7,601,949	6,069,247	1,186,197	2,074	8,851,041
Boots and shoes,	6	2,640,571	2,658,890	887,641	1,391	4,620,848
Other industries,	34	4,961,375	2,399,457	308,556	683	3,680,193
Whitman,	24	3,875,648	3,709,421	1,415,242	2,044	5,978,118
Williamsburg,	12	443,795	441,898	159,492	308	781,153
Winchendon,	28	2,742,470	1,217,553	616,540	1,311	2,903,399
Winchester,	19	2,537,437	3,502,002	643,440	1,048	5,189,476
Wintthrop,	10	110,488	38,134	11,255	16	77,994
All other towns,	757	74,119,355	39,785,992	14,031,295	27,363	89,257,639
TOTAL FOR THE TOWNS,	3,231	\$395,923,008	\$244,928,131	\$91,421,245	167,868	\$453,876,831

TABLE II. CHARACTER OF OWNERSHIP FOR 20 SELECTED INDUSTRIES — 1914.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Value of Product	Value Added by Manufacture
All Industries,	12,613	696,096	\$1,641,373,947	\$769,939,354
Individual,	5,902	44,683	117,430,275	56,399,973
Corporation,	3,965	502,727	1,349,811,377	583,847,372
Other,	2,126	59,286	174,131,395	69,541,909
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	49.1	7.4	7.2	8.0
Corporation,	33.2	82.8	83.2	82.2
Other,	17.7	9.8	10.6	9.8
Automobiles, including bodies and parts,	66	2,439	11,199,799	5,556,352
Individual,	19	206	657,088	394,457
Corporation,	35	3,019	9,942,047	4,757,800
Other,	12	214	599,655	404,101
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	28.8	6.0	5.9	7.1
Corporation,	53.0	87.8	88.8	85.6
Other,	18.2	6.2	5.3	7.3
Boots and shoes, exclusive of cut stock and findings,	464	76,944	299,529,858	89,294,178
Individual,	147	6,563	15,762,303	7,040,835
Corporation,	188	56,682	149,231,773	58,998,785
Other,	129	13,700	35,535,782	14,164,558
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	31.7	8.5	7.9	8.8
Corporation,	40.5	73.7	74.4	78.5
Other,	27.8	17.8	17.7	17.7
Boot and shoe cut stock and findings,	439	2,179	54,658,155	19,741,999
Individual,	207	2,332	11,528,454	2,811,673
Corporation,	97	3,590	25,135,338	4,781,093
Other,	116	2,248	17,994,363	3,149,233
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	49.3	28.5	21.1	26.2
Corporation,	23.1	44.0	46.0	44.5
Other,	27.6	27.5	32.9	29.3
Bread and other bakery products,	1,419	2,963	33,399,951	15,967,993
Individual,	1,179	2,319	13,663,609	5,769,649
Corporation,	68	3,394	14,158,909	7,142,285
Other,	172	1,370	5,486,533	2,125,986
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	83.1	41.1	41.0	38.4
Corporation,	4.8	42.0	42.5	47.5
Other,	12.1	16.9	16.5	14.1
Clothing, men's, including shirts,	227	7,645	19,613,767	9,198,642
Individual,	110	1,586	2,865,384	1,448,067
Corporation,	47	4,229	12,863,199	5,852,298
Other,	70	1,830	3,885,184	1,897,377
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	48.5	20.7	14.6	15.8
Corporation,	20.7	55.3	65.6	63.6
Other,	30.8	24.0	19.8	20.6

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Value of Product	Value Added by Manufacture
Clothing, women's,	202	6,076	\$12,962,587	\$6,312,362
Individual,	85	1,475	3,391,138	1,562,862
Corporation,	51	2,440	5,356,178	2,536,248
Other,	66	2,161	5,205,271	2,220,252
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	42.1	24.3	24.3	24.7
Corporation,	25.2	40.1	38.5	40.1
Other,	32.7	35.6	37.2	35.2
Confectionery,	145	6,775	20,097,995	7,632,750
Individual,	74	490	1,625,067	682,539
Corporation,	48	6,074	17,862,804	6,897,235
Other,	23	211	610,124	252,976
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	51.0	7.2	8.1	8.7
Corporation,	33.1	89.7	88.9	88.1
Other,	15.9	3.1	3.0	3.2
Cotton goods, including cotton small wares,	189	113,559	197,322,111	77,487,777
Individual,	7	352	688,173	252,454
Corporation,	169	111,304	192,909,028	76,117,519
Other,	13	1,903	3,724,910	1,117,804
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	3.7	.3	.3	.3
Corporation,	89.4	98.0	97.8	98.2
Other,	6.9	1.7	1.9	1.5
Cutlery and tools, not elsewhere specified,	137	6,485	12,974,022	9,580,500
Individual,	61	390	651,783	451,519
Corporation,	57	5,951	12,091,183	8,982,028
Other,	19	144	231,076	146,953
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	44.5	6.0	5.0	4.7
Corporation,	41.6	91.8	93.2	93.8
Other,	13.9	2.2	1.8	1.6
Electrical machinery, apparatus, and supplies,	91	17,125	43,909,294	26,172,387
Individual,	20	260	793,483	315,957
Corporation,	67	16,812	42,937,508	25,803,632
Other,	4	53	138,308	52,798
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	22.0	1.5	1.8	1.2
Corporation,	73.6	98.2	97.9	98.6
Other,	4.4	.3	.3	.2
Foundry and machine-shop products,¹	932	41,341	85,638,612	54,648,909
Individual,	342	3,026	6,068,172	3,962,721
Corporation,	437	36,523	75,828,890	48,352,200
Other,	153	1,812	3,721,550	2,334,068
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	36.7	7.3	7.1	7.2
Corporation,	46.9	88.3	88.6	88.5
Other,	16.4	4.4	4.3	4.3

¹ Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and heating apparatus; structural ironwork; and automobile repairing.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Value of Product	Value Added by Manufacture
Furniture and refrigerators,	145	6,954	\$14,281,057	\$8,423,213
Individual,	49	593	1,130,161	694,641
Corporation,	63	5,452	11,347,640	6,795,091
Other,	33	874	1,803,256	933,481
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	33.8	8.6	8.0	8.2
Corporation,	43.4	78.9	79.4	80.7
Other,	22.8	12.5	12.6	11.1
Hosiery and knit goods,	69	10,631	17,357,319	8,111,963
Individual,	16	250	569,489	277,532
Corporation,	44	9,601	14,312,311	6,897,810
Other,	9	780	2,475,519	936,020
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	23.2	2.4	3.3	3.4
Corporation,	63.8	90.3	82.5	85.0
Other,	13.0	7.3	14.2	11.6
Jewelry,	282	6,505	14,175,857	7,465,725
Individual,	67	879	1,699,658	991,424
Corporation,	76	3,684	8,737,846	4,167,510
Other,	59	1,942	3,738,353	2,306,791
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	33.2	13.5	12.0	13.3
Corporation,	37.6	56.6	61.7	55.8
Other,	29.2	29.9	26.3	30.9
Leather, tanned, curried, and finished,	126	10,184	45,265,484	12,971,873
Individual,	39	1,228	2,428,279	1,114,968
Corporation,	61	7,742	38,741,662	9,403,220
Other,	26	1,194	4,095,493	1,553,185
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	31.0	12.1	5.4	9.2
Corporation,	48.4	76.2	85.6	77.9
Other,	20.6	11.7	9.0	12.9
Musical instruments, pianos and organs and materials,	52	3,906	8,213,341	4,511,398
Individual,	14	190	418,137	233,029
Corporation,	34	3,378	6,872,022	3,861,417
Other,	4	338	923,182	416,763
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	27.0	4.9	5.1	5.2
Corporation,	65.4	86.5	83.7	85.6
Other,	7.6	8.6	11.2	9.2
Paper and wood pulp,	80	13,401	43,352,545	16,741,797
Individual,	4	75	197,561	87,376
Corporation,	71	11,910	37,595,471	14,204,232
Other,	11	1,416	5,559,513	2,450,189
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	4.7	.6	.5	.5
Corporation,	82.6	88.9	86.7	84.9
Other,	12.7	10.5	12.8	14.6

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Concluded.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Value of Product	Value Added by Manufacture
Printing and Publishing,	1,344	12,170	\$56,195,211	\$39,378,599
Individual,	723	3,474	6,990,197	5,105,101
Corporation,	425	12,417	43,083,864	30,382,233
Other,	197	2,379	6,119,750	3,891,266
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	53.7	19.1	12.4	13.0
Corporation,	31.6	68.3	76.7	77.1
Other,	14.7	12.6	10.9	9.9
Slaughtering and meat packing, including sausage,	197	3,523	54,446,957	6,970,970
Individual,	65	242	2,292,794	505,086
Corporation,	26	3,224	50,597,928	6,216,449
Other,	16	116	1,556,955	249,335
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	60.7	6.8	4.2	7.2
Corporation,	24.3	90.0	93.0	89.2
Other,	15.0	3.2	2.8	3.6
Woolen, worsted, and felt goods,	171	54,355	139,348,514	47,271,691
Individual,	17	1,506	2,867,826	1,286,248
Corporation,	129	48,749	117,937,868	42,516,042
Other,	25	4,000	9,542,820	3,468,801
<i>Per cent of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	10.0	2.8	2.2	2.7
Corporation,	75.4	89.9	90.5	90.0
Other,	14.6	7.3	7.3	7.3

TABLE III. WAGE-EARNERS.
NUMBER EMPLOYED ON THE FIFTEENTH DAY OF EACH MONTH: BY INDUSTRIES — 1914.

Industries.	Average Number of Wage- earners	January	February	March	April	May	June	July	August	September	October	November	December
THE STATE.	606,698	626,770	628,555	633,583	628,344	619,082	611,928	595,009	588,703	589,194	590,992	587,141	580,489
Agricultural implements,	325	424	463	484	465	421	351	218	175	181	215	240	263
Artificial limbs,	18	16	16	16	15	19	20	20	19	20	19	19	17
Artificial stone products,	324	248	235	278	320	341	356	370	380	394	359	324	283
Automobiles, including bodies and parts,	3,439	3,730	3,791	3,908	4,167	4,198	3,752	3,187	3,047	3,068	3,049	2,898	2,472
Automobile repairing,	348	327	331	334	353	362	362	371	361	352	349	337	337
Awnings, tents, and sails,	366	245	258	337	443	528	569	480	390	326	299	263	254
Baskets, and rattan and willow ware,	122	122	121	122	120	119	123	125	123	119	123	121	126
Belted, leather,	1,113	1,096	1,095	1,095	1,089	1,090	1,089	1,087	1,086	1,102	1,133	1,182	1,212
Belted and hose, woven,	183	168	178	162	186	189	190	192	183	188	180	189	191
Billiard tables and materials,	43	47	41	36	41	39	41	42	41	46	46	51	45
Blacking, stains, and dressings,	506	500	547	568	589	596	543	515	507	444	424	425	414
Bookbinding and blank-book making,	3,317	3,255	3,343	3,341	3,343	3,360	3,323	3,404	3,325	3,336	3,320	3,263	3,202
Boot and shoe cut stock and findings,	8,170	9,143	9,034	8,906	8,480	8,113	7,645	7,557	7,701	7,768	7,790	7,911	8,017
Boots and shoes,	76,944	82,813	82,683	80,575	77,315	74,971	76,076	76,430	76,971	74,043	72,023	73,940	75,478
Boots and shoes, rubber,	8,087	7,796	7,760	7,963	8,110	8,209	8,259	7,577	8,026	7,845	8,117	8,328	8,554
Boxes, cigar,	188	193	189	187	190	191	193	190	182	186	185	185	186
Boxes, fancy and paper,	4,244	4,363	4,370	4,414	4,322	4,339	4,307	4,174	4,114	4,175	4,219	4,097	4,084

Bosses, wooden peeling,	2,995	3,096	3,111	3,180	3,079	3,081	2,983	2,890	2,918	2,910	2,951	2,898	2,893
Brass, bronze, and copper products,	1,620	1,631	1,595	1,646	1,654	1,601	1,592	1,603	1,562	1,666	1,647	1,637	1,606
Bread and other bakery products,	8,083	7,993	8,029	8,113	8,061	8,067	8,144	8,249	8,123	8,049	8,185	8,090	7,993
Brick and tile,	1,124	662	665	675	987	1,566	1,674	1,670	1,656	1,536	1,121	725	551
Brooms,	121	123	120	127	124	123	120	121	117	118	120	123	117
Brushes,	1,437	1,668	1,519	1,496	1,478	1,426	1,396	1,412	1,373	1,408	1,406	1,402	1,360
Butter,	33	33	33	33	32	34	34	33	32	33	33	33	34
Buttons,	435	618	613	597	534	482	483	445	391	397	420	428	412
Canning and preserving,	1,903	1,794	1,930	1,777	1,735	1,638	1,919	1,922	1,909	2,023	2,150	2,123	1,915
Card cutting and designing,	5	5	5	5	5	5	5	5	5	5	5	5	5
Carpets and rugs, other than rag,	5,219	5,094	5,637	5,696	5,656	5,560	5,447	5,530	5,392	4,975	5,129	4,556	4,536
Carpets, rag,	106	96	94	94	105	114	116	115	116	115	109	98	100
Carriages and sleds, children's,	1,175	1,251	1,238	1,177	1,126	1,036	1,021	1,079	1,094	1,246	1,291	1,295	1,246
Carriages and wagons and materials,	1,245	1,157	1,219	1,307	1,409	1,430	1,379	1,271	1,185	1,180	1,160	1,127	1,116
Carriages and wagons (repair work exclusively),	103	98	102	110	118	118	115	98	93	97	94	99	94
Care and general shop construction and repairs by steam-railroad companies,	6,264	6,096	6,390	6,477	6,351	6,909	6,951	5,966	6,033	5,892	5,945	5,797	5,841
Care and general shop construction and repairs by electric-railroad companies,	1,705	1,640	1,608	1,674	1,628	1,556	1,750	1,780	1,741	1,744	1,757	1,771	1,716
Chemicals,	1,395	1,382	1,389	1,464	1,415	1,454	1,427	1,375	1,312	1,390	1,383	1,423	1,326
Cleansing and polishing preparations,	66	64	65	62	68	65	65	65	69	69	69	66	65
Cloth sponging and refinishing,	56	53	53	55	62	55	60	60	53	57	55	50	53
Clothing, men's,	5,760	5,862	5,900	6,026	5,936	5,917	5,886	5,593	5,635	5,571	5,607	5,546	5,551
Clothing, men's, buttonholes,	4	5	5	5	3	3	3	3	3	3	5	5	5
Clothing, women's,	6,075	5,719	6,109	6,559	6,747	6,501	6,188	5,327	4,995	6,218	6,619	6,183	5,747

TABLE III. WAGE-EARNERS — Continued.
 NUMBER EMPLOYED ON THE FIFTEENTH DAY OF EACH MONTH: BY INDUSTRIES — 1914 — Continued.

Industries.	Average Number of Wage- earners	January	February	March	April	May	June	July	August	September	October	November	December
The State — Continued.													
Coffee and spice, roasting and grinding, .	466	459	464	470	462	459	464	471	478	477	474	458	456
Coffins, burial cases, and undertakers' goods, .	286	291	295	294	285	286	290	279	279	284	284	281	284
Combs and hairpins,	1,944	1,955	2,077	2,149	1,893	1,767	1,535	1,668	1,905	2,199	2,309	1,988	1,883
Confectionery and ice cream,	7,262	7,046	6,271	7,288	6,970	6,980	6,329	6,833	7,443	7,848	8,078	7,881	7,687
Confectionery,	6,775	6,711	5,918	6,935	6,492	6,377	6,190	6,190	6,767	7,253	7,633	7,510	7,324
Chewing gum,	12	7	25	21	33	16	6	3	7	6	6	5	9
Ice cream,	475	328	328	332	445	527	633	690	669	589	439	366	354
Cooperage,	525	503	511	517	531	520	534	528	531	536	555	527	507
Copper, tin, and sheet-iron products,	2,688	2,626	2,542	2,569	2,619	2,683	2,741	2,808	2,781	2,719	2,794	2,709	2,665
Cordage and twine, and jute goods,	6,073	6,091	6,037	6,125	6,195	6,253	6,369	6,329	6,210	5,853	5,922	5,699	5,793
Cordials and flavoring sirups,	51	50	53	58	71	68	67	59	46	40	38	32	30
Corsets,	2,298	2,461	2,401	2,631	2,572	2,485	2,345	2,234	2,146	2,146	2,064	1,975	1,818
Cotton goods,	112,409	117,496	116,336	116,422	116,201	114,518	113,077	110,643	108,096	108,556	109,456	110,247	109,760
Cotton small wares,	950	959	1,008	1,015	991	985	964	985	912	913	902	892	874
Cutlery and tools, not elsewhere specified,	6,435	6,810	6,364	6,830	6,682	6,657	6,446	6,357	6,330	6,262	6,243	6,231	6,243
Dental goods,	55	56	55	55	55	55	55	55	52	54	57	56	55
Dyeing and finishing textiles,	11,437	11,339	12,200	12,358	12,162	12,026	12,034	11,420	10,862	11,052	11,077	10,079	10,635
Dyestuffs and extracts,	148	146	157	151	147	146	144	155	160	148	152	139	131
Electrical machinery, apparatus, and supplies,	17,125	18,644	18,203	18,460	18,110	17,855	17,567	17,090	16,845	16,602	16,799	15,239	15,126

Electroplating,	233	245	244	256	225	332	225	230	226	227	226
Emery and other abrasive wheels,	902	977	985	949	937	985	936	873	864	803	816
Enameling and japanning,	95	94	89	92	81	101	104	85	101	98	95
Engraving and dieinking,	152	167	160	154	154	161	150	139	139	160	152
Engraving, steel and copper plate, including plate printing,	421	433	411	413	420	419	429	406	414	428	439
Envelopes,	1,781	1,797	1,828	1,856	1,868	1,852	1,840	1,649	1,760	1,785	1,680
Fancy articles, not elsewhere specified,	786	738	670	599	607	660	728	855	934	982	883
Felt goods,	878	935	933	980	910	948	846	861	846	854	880
Firearms,	2,161	2,371	2,343	2,341	2,321	2,229	2,079	2,149	2,052	2,019	2,033
Flavoring extracts,	124	114	112	118	130	138	146	142	120	112	112
Flour-mill and grist-mill products,	176	176	175	180	178	173	172	171	174	178	178
Food preparations,	469	600	619	494	490	417	394	407	427	444	396
Foundry and machine-shop products,	34,368	36,713	36,456	36,543	36,398	36,164	35,228	33,134	32,170	32,054	31,917
Fur goods,	208	221	158	135	143	164	188	199	248	271	278
Furnishing goods, men's,	338	332	372	354	378	371	361	367	390	444	447
Furniture,	6,813	7,555	7,545	7,599	7,332	6,275	5,951	6,484	6,728	6,815	6,580
Galvanising,	12	12	13	14	14	13	10	12	11	12	10
Gas and electric fixtures,	143	151	149	142	138	133	124	136	143	152	163
Gas, illuminating and heating,	3,182	2,939	2,934	2,930	2,936	3,323	3,509	3,359	3,264	3,211	3,067
Glass cutting, staining, and ornamenting,	196	191	197	203	205	190	192	177	197	210	230
Glue,	563	603	601	619	643	605	527	483	512	578	565
Gold and silver, leaf and foil,	120	124	129	123	119	120	117	112	117	123	115
Gold and silver, reducing and refining, not from the ore,	21	22	21	23	22	22	22	20	21	18	20

TABLE III. WAGE-EARNERS — Continued.
NUMBER EMPLOYED ON THE FIFTEENTH DAY OF EACH MONTH: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES.	Average Number of Wage- earners	January	February	March	April	May	June	July	August	September	October	November	December
The State — Continued.													
Grease and tallow,	622	609	609	639	641	637	635	635	621	620	615	606	597
Hand-knit goods,	4	4	4	4	3	3	4	4	4	4	4	5	5
Hand stamps and stencils and brands,	108	123	113	112	113	111	111	107	105	101	101	100	99
Hardware,	1,151	1,206	1,209	1,200	1,152	1,056	1,053	1,082	1,109	1,089	1,174	1,228	1,254
Hats and caps, other than felt, straw, and wool,	288	285	289	287	296	302	308	296	288	298	280	256	271
Hats, fur-felt,	629	231	230	236	216	195	213	1,005	1,068	1,063	1,059	1,012	1,020
Hats, straw,	2,383	3,296	3,510	3,529	3,227	2,228	1,457	1,259	1,901	2,024	1,950	1,868	2,347
Hosiery and knit goods,	10,631	11,052	11,145	11,016	10,942	10,920	10,834	10,557	10,296	9,897	10,388	10,381	10,144
House-furnishing goods, not elsewhere specified,	444	436	408	409	426	429	491	468	443	452	473	459	434
Ice, manufactured,	57	48	49	56	58	60	62	59	65	60	58	56	58
Instruments, professional and scientific,	599	605	573	612	614	649	622	625	480	632	628	621	527
Iron and steel, steel works and rolling mills,	2,889	3,184	3,169	3,185	3,089	2,984	2,870	2,862	2,806	2,891	2,886	2,368	2,374
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,	1,292	1,360	1,333	1,339	1,334	1,341	1,295	1,258	1,259	1,250	1,246	1,238	1,261
Iron and steel forgings,	683	669	674	684	680	626	607	767	784	675	690	695	675
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	1,233	1,326	1,253	1,256	1,248	1,209	1,203	1,154	1,196	1,225	1,217	1,238	1,241

Jewelry,	6,505	7,406	7,942	6,928	6,583	6,545	6,293	5,960	5,979	6,366	6,326	6,186	5,976
Jewelry and instrument cases,	389	355	368	391	398	406	394	360	364	434	459	400	330
Labels and tags,	38	37	39	39	38	38	38	38	37	38	38	38	38
Lamps and reflectors,	316	407	395	391	395	347	313	286	261	273	236	237	251
Lasts,	890	987	1,008	905	865	837	874	944	925	766	834	845	861
Leather goods, not elsewhere specified,	416	327	361	401	413	407	412	401	393	407	434	529	507
Leather, tanned, curried, and finished,	10,164	10,898	10,931	10,324	10,654	10,269	10,028	9,512	9,197	9,611	9,798	10,157	10,089
Lime,	474	429	408	400	510	513	513	504	516	520	503	426	446
Linen goods,	1,541	1,530	1,524	1,544	1,564	1,565	1,532	1,499	1,510	1,543	1,530	1,532	1,569
Liquors, distilled,	93	95	104	95	99	93	89	87	90	91	88	91	94
Liquors, malt,	2,106	1,992	1,996	1,999	2,064	2,130	2,248	2,227	2,206	2,163	2,141	2,067	2,040
Lithographing,	1,218	1,217	1,203	1,216	1,207	1,229	1,236	1,234	1,211	1,259	1,222	1,211	1,201
Looking-glass and picture frames,	148	183	150	148	145	144	144	135	135	147	157	158	157
Lumber and timber products,	1,625	2,012	1,949	1,990	1,991	1,780	1,835	1,965	1,957	1,315	1,511	1,448	1,797
Lumber, planing-mill products,	3,423	3,277	3,218	3,297	3,379	3,444	3,479	3,572	3,603	3,562	3,506	3,436	3,302
Marble and stone work,	2,520	2,159	1,870	2,389	2,618	2,760	2,813	2,743	2,826	2,649	2,536	2,464	2,413
Mattresses and spring beds,	740	696	723	749	769	771	803	767	746	760	733	693	678
Millinery and lace goods,	2,026	2,096	2,405	2,647	2,584	1,842	1,669	1,765	1,936	2,067	1,920	1,816	1,735
Mineral and soda waters,	503	353	384	422	515	635	734	713	613	565	434	375	363
Minerals and earths, ground,	105	109	105	109	106	116	112	100	94	108	102	100	99
Mirrors,	132	144	139	142	134	134	125	126	129	128	128	128	127
Models and patterns, not including paper patterns,	318	323	313	316	310	318	305	316	333	318	315	323	326
Monuments and tombstones,	1,333	1,094	1,117	1,297	1,413	1,502	1,457	1,458	1,453	1,431	1,385	1,288	1,161
Motorcycles, bicycles, and parts,	2,135	3,511	3,464	3,105	2,379	2,293	1,701	1,491	1,315	1,072	1,283	1,704	2,302
Mucilage and paste,	103	105	107	109	108	106	102	109	100	102	99	97	93

TABLE III. WAGE-EARNERS — Continued.
 NUMBER EMPLOYED ON THE FIFTEENTH DAY OF EACH MONTH: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES.	Average Number of Wage- earners	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
The State — Continued.													
Musical instruments and materials, not speci- fied,	282	269	273	274	291	283	273	279	283	279	282	296	302
Musical instruments, pianos and organs, and materials,	3,906	4,299	4,270	4,309	4,227	4,108	3,939	3,761	3,515	3,550	3,627	3,623	3,644
Oil, not elsewhere specified,	303	324	318	313	304	297	304	284	294	303	297	299	299
Optical goods,	2,356	2,281	2,349	2,440	2,438	2,443	2,505	2,385	2,238	2,188	2,231	2,308	2,366
Paints and varnishes,	490	486	500	490	504	516	483	508	475	488	483	469	468
Paper and wood pulp,	13,401	13,540	13,512	13,644	13,503	13,688	13,351	12,169	13,055	13,400	13,479	13,176	13,235
Paper goods, not elsewhere specified, . . .	4,048	4,265	4,268	4,160	4,253	4,214	4,105	4,008	3,886	3,871	3,919	3,858	3,769
Patent medicines and compounds and drug- gists' preparations,	1,331	1,311	1,488	1,484	1,438	1,418	1,269	1,294	1,288	1,389	1,373	1,392	1,288
Paving materials,	342	129	86	183	350	462	494	510	491	434	406	348	241
Photo-engraving,	543	556	551	580	551	590	551	540	533	525	526	528	533
Pipes, tobacco,	41	42	45	44	46	44	44	43	43	42	39	33	37
Plumbers' supplies,	627	630	622	636	665	673	673	673	596	580	591	581	604
Pocketbooks,	377	454	463	463	423	381	349	349	341	360	363	364	338
Pottery,	138	136	137	135	138	140	138	139	138	140	138	139	138
Printing and publishing, book and job, . .	7,062	7,106	7,281	7,354	7,250	7,144	7,059	6,795	6,745	6,945	7,049	6,965	6,951
Printing and publishing, music,	120	128	126	126	124	122	115	115	112	116	114	122	121
Printing and publishing, newspapers and periodicals,	6,032	6,081	6,040	6,086	6,060	6,051	6,027	5,877	5,892	5,984	6,150	6,075	6,041

Refrigerators,	141	160	182	186	189	149	143	116	108	122	127	143	157
Regalia and society badges and emblems,	78	78	76	77	80	77	78	72	71	80	83	83	82
Rubber goods, not elsewhere specified,	4,743	5,057	5,181	5,232	5,189	5,164	5,170	4,462	4,139	4,339	4,372	4,302	4,259
Saddlery and harness,	260	241	248	249	255	248	244	249	244	244	245	268	345
Sausage, not made in slaughtering and meat- packing establishments,	349	352	355	349	342	343	344	344	345	349	355	354	356
Scales and balances,	23	29	28	26	24	24	22	23	24	21	18	19	19
Screws, machine,	355	362	344	353	360	357	362	347	333	331	347	358	376
Shipbuilding, wooden, including boat build- ing,	435	314	353	428	460	570	569	498	480	417	371	402	353
Shirts,	1,885	1,948	1,933	1,920	1,846	1,786	1,754	1,824	1,680	1,906	1,979	2,021	2,022
Shoddy, wool,	446	438	474	490	489	475	444	426	387	387	381	441	531
Show cases,	79	79	78	78	80	94	87	74	78	77	78	74	71
Signs and advertising novelties,	386	390	372	376	375	373	372	366	378	411	415	399	406
Silk and silk goods, including throwsters,	4,495	4,709	4,707	4,674	4,704	4,623	4,541	4,392	4,206	4,490	4,361	4,311	4,217
Silverware and plated ware,	2,163	2,160	2,188	2,168	2,140	2,112	2,100	2,049	2,109	2,183	2,239	2,254	2,254
Slaughtering and meat packing,	3,233	3,659	3,362	3,318	3,185	2,996	3,134	3,164	3,023	3,070	3,179	3,204	3,422
Soap,	460	479	495	478	467	479	489	439	422	435	459	449	479
Sporting and athletic goods,	1,275	1,278	1,277	1,332	1,347	1,325	1,337	1,268	1,109	1,219	1,209	1,267	1,352
Springs, steel, car, and carriage,	45	42	43	46	50	53	53	48	45	46	40	37	37
Stationary goods, not elsewhere specified,	2,467	2,430	2,540	2,621	2,591	2,542	2,462	2,240	2,416	2,424	2,465	2,426	2,437
Statuary and art goods,	132	133	131	123	135	137	141	120	136	133	117	130	128
Steam fittings and steam and hot-water heat- ing apparatus,	3,175	3,139	3,233	3,286	3,229	3,218	3,208	3,193	3,208	3,143	3,141	3,098	2,994
Steam packing,	71	82	77	73	72	74	79	76	68	71	59	60	61
Stereotyping and electrotyping,	250	259	263	287	264	256	257	254	250	241	239	230	230

TABLE III. WAGE-EARNERS — Concluded.
 NUMBER EMPLOYED ON THE FIFTEENTH DAY OF EACH MONTH: BY INDUSTRIES — 1914 — Concluded.

Industries.	Average Number of Wage- earners	January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
The State — Concluded.													
Stoves and hot-air furnaces, not including gas and oil stoves,	1,446	1,270	1,554	1,576	1,365	1,345	1,506	1,410	1,479	1,476	1,495	1,479	1,397
Structural iron work, not made in steel works or rolling mills,	1,662	1,628	1,615	1,604	1,634	1,673	1,694	1,675	1,705	1,686	1,690	1,677	1,663
Surgical appliances,	249	246	240	256	259	260	244	213	223	259	262	263	263
Suspenders, garters, and elastic woven goods, Tobacco manufactures,	2,968 3,926	3,052 4,060	3,060 4,057	3,071 3,992	3,042 3,964	2,943 3,877	2,911 3,928	2,921 3,839	2,841 3,847	2,910 3,860	2,885 3,927	2,793 3,913	2,697 3,868
Toys and games,	1,381	864	1,121	1,233	1,302	1,350	1,454	1,572	1,594	1,713	1,782	1,547	1,040
Trunks and valises,	377	305	366	390	412	400	406	399	377	376	374	381	338
Type founding and printing materials,	93	101	102	100	96	93	88	88	88	92	90	89	89
Upholstering materials,	197	198	188	189	194	207	190	177	196	189	204	231	201
Vinegar and cider,	78	41	42	40	38	37	42	45	55	108	191	195	102
Waste,	800	793	812	839	797	880	786	760	782	794	822	822	804
Watch and clock materials,	153	166	163	155	153	143	150	147	123	159	172	179	181
Whips,	996	1,018	1,016	1,025	1,034	1,031	971	992	979	994	961	964	987
Window and door screens and weatherstrips, Window shades and fixtures,	113 97	74 94	82 95	97 96	128 104	173 105	173 103	160 96	122 91	99 95	85 95	78 97	75 94

Wire,	2,899	3,174	3,104	3,110	3,097	2,878	2,794	2,813	2,817	2,845	2,817	2,678	2,661
Wirework, including wire rope and cable,	1,950	1,983	2,030	2,036	1,970	2,013	1,977	1,971	1,917	1,900	1,890	1,883	1,880
Wood, turned and carved,	1,339	1,239	1,394	1,437	1,451	1,425	1,391	1,304	1,265	1,276	1,307	1,301	1,278
Wooden goods, not elsewhere specified,	430	436	436	440	435	438	430	429	424	423	416	418	435
Wool scouring,	577	562	621	638	593	597	499	560	556	511	568	637	602
Woolen and worsted goods,	53,377	51,610	52,859	55,678	57,036	56,755	56,960	53,537	51,731	52,684	53,329	52,368	47,187
All other industries,	21,504	21,857	22,150	22,969	22,469	22,353	21,972	21,512	20,947	20,259	20,148	20,613	20,739

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earning Persons	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 but under \$30	
Belt and Hose, Woven.																				
Adults (18 years of age and over):																				
Males,	125	-	-	-	-	1	1	4	12	6	13	11	13	15	17	17	10	3	2	-
Females,	79	-	3	-	5	10	14	10	11	9	2	3	6	4	2	-	-	-	-	-
Young persons (under 18 years of age),	14	-	2	-	1	2	3	1	1	-	-	3	1	-	-	-	-	-	-	-
Billiard Tables and Materials.																				
Adults (18 years of age and over):																				
Males,	44	-	-	-	-	-	-	-	-	-	-	2	3	7	8	11	6	-	7	-
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Blacking, Stains, and Dressings.																				
Adults (18 years of age and over):																				
Males,	364	-	-	2	4	8	16	24	41	17	65	11	11	32	38	24	18	15	38	-
Females,	313	-	14	98	61	88	8	16	10	1	10	1	-	3	-	1	1	-	1	-
Young persons (under 18 years of age),	37	-	3	24	7	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Bookbinding and Blank-Book Making.																				
Adults (18 years of age and over):																				
Males,	1,561	-	1	8	47	67	90	58	84	60	132	67	84	148	177	204	188	91	55	-
Females,	1,291	-	5	56	171	202	256	271	129	69	47	32	35	5	10	1	2	-	-	-
Young persons (under 18 years of age),	338	-	15	94	134	26	9	2	2	1	1	1	-	-	-	-	-	-	-	-

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
Boxes, Wooden Packing.	3,101	1	10	30	59	80	136	223	360	516	804	567	310	107	194	82	91	59	18	14
Adults (18 years of age and over):																				
Males,	2,759	-	-	-	5	29	98	182	326	487	247	532	298	100	193	81	90	59	18	14
Females,	229	-	-	16	18	26	17	30	22	29	17	32	12	7	1	1	1	-	-	-
Young persons (under 18 years of age),	113	1	10	14	16	25	21	11	12	-	-	3	-	-	-	-	-	-	-	-
Brass, Bronze, and Copper Products.	1,913	-	1	6	13	11	21	100	160	120	87	419	218	136	111	122	169	125	46	48
Adults (18 years of age and over):																				
Males,	1,828	-	-	-	1	2	8	93	152	111	84	412	216	134	110	120	167	124	46	48
Females,	55	-	-	2	5	1	7	6	7	8	3	6	2	2	1	2	2	1	-	-
Young persons (under 18 years of age),	30	-	1	4	7	8	6	1	1	1	-	1	-	-	-	-	-	-	-	-
Bread and Other Bakery Products.	7,609	13	33	61	233	365	454	491	505	610	366	707	366	469	761	746	636	450	188	170
Adults (18 years of age and over):																				
Males,	5,885	8	1	2	20	53	89	164	352	493	328	667	349	456	750	742	631	427	188	170
Females,	1,337	-	5	30	125	212	316	279	139	112	36	38	16	10	11	2	4	2	-	-
Young persons (under 18 years of age),	387	10	27	29	93	100	49	48	14	5	2	2	1	3	-	2	1	1	-	-
Brick and Tile.	1,666	-	-	-	11	28	27	62	76	245	173	516	136	48	86	99	70	22	14	18
Adults (18 years of age and over):																				
Males,	1,532	-	-	-	6	19	19	50	74	242	173	516	136	48	86	39	70	22	14	18
Females,	10	-	-	-	2	3	4	4	2	1	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	14	-	-	-	3	4	4	2	1	-	-	-	-	-	-	-	-	-	-	-

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage-Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																							
		\$3		\$4		\$5		\$6		\$7		\$8		\$9		\$10		\$11		\$12		\$13		\$14	
		under \$3	but over \$3	under \$4	but over \$4	under \$5	but over \$5	under \$6	but over \$6	under \$7	but over \$7	under \$8	but over \$8	under \$9	but over \$9	under \$10	but over \$10	under \$11	but over \$11	under \$12	but over \$12	under \$13	but over \$13	under \$14	but over \$14
Carpets and Rugs, other than Bag.	5,798	1	13	118	386	412	612	839	683	588	369	342	166	192	209	222	186	153	206	101					
Adults (18 years of age and over):																									
Males,	2,952	-	-	1	12	42	241	352	277	287	202	189	136	170	185	214	186	153	205	101					
Females,	2,204	-	-	4	131	222	284	466	394	299	166	152	30	22	24	8	-	1	-	-	-	-	-	-	-
Young persons (under 18 years of age),	642	1	13	113	243	148	87	21	12	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Carpets, Bag.	183	1	8	8	7	18	10	9	11	18	7	80	3	8	16	4	3	-	-	-	-	-	-	-	-
Adults (18 years of age and over):																									
Males,	108	-	1	2	1	7	7	9	10	16	7	20	3	3	15	4	3	-	-	-	-	-	-	-	-
Females,	17	-	-	-	4	9	1	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	8	1	1	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carriages and Sleds, Children's.	1,313	-	-	5	5	15	48	52	189	234	80	236	95	52	80	89	68	14	3	-	-	-	-	-	-
Adults (18 years of age and over):																									
Males,	1,038	-	-	-	-	-	15	20	89	223	82	219	89	46	87	86	65	14	3	-	-	-	-	-	-
Females,	126	-	-	-	3	8	20	24	28	11	8	16	5	6	3	3	1	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	39	-	-	3	2	5	7	8	12	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Carriages and Wagons and Materials.	1,364	8	-	1	8	10	13	80	44	108	36	175	169	56	815	155	198	108	31	38					
Adults (18 years of age and over):																									
Males,	1,243	-	-	-	4	7	10	19	40	101	36	175	159	59	214	155	198	103	31	32					
Females,	8	2	-	-	-	2	-	-	1	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	13	-	-	1	4	1	3	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Cars and General Shop Construction and Repairs by Steam-Railroad Companies.	Adults (18 years of age and over):	6,122	-	-	-	59	41	267	231	262	250	623	507	653	653	1,025	1,007	374	279	80
	Males,	6,130	-	-	-	12	33	235	261	261	329	618	506	653	653	1,025	1,007	374	279	80
	Females,	16	-	-	-	-	-	1	14	1	-	-	-	-	-	-	-	-	-	-
	Young persons (under 18 years of age),	46	-	-	-	27	3	1	6	-	1	5	1	-	-	-	-	-	-	-
Cars and General Shop Construction and Repairs by Electric-Railroad Companies.	Adults (18 years of age and over):	3,260	-	1	-	24	26	27	123	129	355	328	267	264	553	575	495	113	74	50
	Males,	3,207	-	-	-	18	21	24	194	479	334	325	258	294	553	575	495	113	74	50
	Females,	32	-	-	-	3	4	1	4	7	1	3	9	-	-	-	-	-	-	-
	Young persons (under 18 years of age),	11	-	1	-	3	1	2	-	3	-	-	-	-	-	-	-	-	-	-
Chemicals.	Adults (18 years of age and over):	1,037	-	13	25	23	21	60	145	154	155	95	60	43	74	91	48	36	15	16
	Males,	955	-	1	5	8	14	33	126	137	153	91	60	46	73	91	48	36	15	16
	Females,	91	-	-	10	8	13	21	16	16	2	4	-	-	1	-	-	-	-	-
	Young persons (under 18 years of age),	41	-	12	10	7	4	6	1	1	-	-	-	-	-	-	-	-	-	-
Cleansing and Polishing Preparations.	Adults (18 years of age and over):	67	-	4	3	6	2	6	6	3	2	8	2	11	5	-	4	-	2	3
	Males,	49	-	-	2	3	-	5	4	-	2	7	2	11	4	-	4	-	2	3
	Females,	10	-	-	-	2	1	1	2	3	-	1	-	-	1	-	-	-	-	-
	Young persons (under 18 years of age),	8	-	4	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earnings	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$17	\$17 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over
Cloth, Spanging and Refinishing.	56	-	-	-	-	3	2	2	4	-	-	13	-	1	15	11	2	-	2	1	
Adults (18 years of age and over):																					
Males,	56	-	-	-	-	3	2	2	4	-	-	13	-	1	15	11	2	-	2	1	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Clothing, Men's.	5,866	-	21	99	228	470	598	629	497	355	254	355	235	218	329	412	364	272	226	276	
Adults (18 years of age and over):																					
Males,	2,906	-	1	4	17	37	56	68	83	142	123	234	168	177	294	399	347	263	221	272	
Females,	2,816	-	11	76	177	397	518	554	407	239	129	119	66	41	35	12	17	9	5	4	
Young persons (under 18 years of age),	144	-	9	19	34	36	22	7	7	4	2	2	1	-	-	1	-	-	-	-	
Clothing, Women's.	7,300	3	89	206	462	723	851	881	639	618	406	431	224	201	194	251	243	201	244	383	
Adults (18 years of age and over):																					
Males,	1,843	-	-	4	13	23	37	62	62	85	62	114	54	72	109	173	194	187	230	362	
Females,	5,115	1	44	119	366	634	770	811	619	532	344	315	170	129	85	78	49	14	14	21	
Young persons (under 18 years of age),	342	2	45	83	83	66	44	8	8	1	-	2	-	-	-	-	-	-	-	-	
Coffee and Spice, Roasting and Grinding.	515	-	-	1	9	63	38	76	29	26	6	25	25	42	45	47	39	23	13	8	
Adults (18 years of age and over):																					
Males,	293	-	-	-	-	5	5	9	10	12	4	20	20	40	43	46	36	22	13	8	
Females,	192	-	-	-	1	45	27	67	18	13	2	5	5	2	2	1	3	1	-	-	
Young persons (under 18 years of age),	30	-	-	1	8	13	6	-	1	1	-	-	-	-	-	-	-	-	-	-	

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.		Total Number of Wage-earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
			Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over	
			\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25	\$25	
Cordage and Twine, and Jute Goods.			-	2	103	291	993	851	790	1,893	340	192	199	95	105	156	87	41	20	20	21	
Adults (18 years of age and over):			-	-	-	9	61	230	424	1,601	164	160	184	92	104	156	86	41	20	20	21	
Males,			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Females,			-	-	19	126	558	536	334	249	162	32	14	2	1	-	1	-	-	-	-	
Young persons (under 18 years of age),			-	2	84	156	374	85	32	43	14	-	1	1	-	-	-	-	-	-	-	
Cordials and Flavoring Syrups.			-	-	1	13	9	-	2	1	1	-	1	-	2	2	3	2	2	-	4	
Adults (18 years of age and over):			-	-	-	-	5	-	-	1	-	-	1	-	2	1	3	2	2	-	4	
Males,			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Females,			-	-	1	10	4	-	2	-	1	-	-	-	-	1	-	-	-	-	-	
Young persons (under 18 years of age),			-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Corsets.			-	14	98	127	306	478	557	487	262	150	98	53	87	43	54	59	23	11	21	
Adults (18 years of age and over):			-	-	2	2	4	5	7	19	17	4	27	14	16	32	26	54	28	11	20	
Males,			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Females,			-	-	54	57	195	436	535	460	241	144	71	44	21	11	8	5	-	-	1	
Young persons (under 18 years of age),			-	14	42	68	107	37	15	8	4	2	-	-	-	-	-	-	-	-	-	
Cotton Goods.			55	547	2,019	5,108	10,553	16,573	17,986	14,555	10,901	7,751	5,987	3,574	3,108	2,640	1,844	976	511	559	558	
Adults (18 years of age and over):			-	21	153	323	3,212	7,314	7,812	6,295	5,354	4,607	4,210	2,999	2,790	2,502	1,785	940	508	359	538	
Males,			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Females,			5	123	499	2,075	5,126	6,956	8,491	7,539	5,043	3,052	1,747	671	316	136	59	7	3	-	-	
Young persons (under 18 years of age),			9,832	30	403	1,337	2,210	2,320	1,803	923	521	205	92	30	4	3	2	-	-	-	-	

	1,087	-	7	80	108	198	108	118	97	78	87	80	24	17	81	83	90	18	6	18
Cotton Small Wares.																				
Adults (18 years of age and over):																				
Males,	369	-	-	9	13	20	25	43	47	28	19	46	19	9	26	18	17	12	6	12
Females,	478	-	2	19	57	120	62	70	49	44	17	13	5	8	5	4	3	-	-	-
Young persons (under 18 years of age),	180	-	5	52	38	58	19	5	1	1	1	-	-	-	-	-	-	-	-	-
Outlery and Tools, not elsewhere Specified.																				
Adults (18 years of age and over):																				
Males,	5,789	-	-	2	29	80	121	263	465	477	380	689	602	330	546	632	636	226	172	150
Females,	606	-	2	1	22	89	129	149	124	44	13	22	6	1	2	2	-	-	-	-
Young persons (under 18 years of age),	345	6	17	54	76	82	33	48	31	3	1	1	2	-	-	1	-	-	-	-
Dental Goods.																				
Adults (18 years of age and over):																				
Males,	22	-	-	-	2	-	-	-	-	1	-	4	1	1	2	1	5	1	-	4
Females,	13	-	-	-	1	1	3	-	2	2	-	1	-	-	3	-	-	-	-	-
Young persons (under 18 years of age),	11	-	-	-	2	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Dyeing and Finishing Textiles.																				
Adults (18 years of age and over):																				
Males,	9,209	-	2	5	37	146	831	2,561	1,878	968	403	423	367	224	321	376	212	157	85	323
Females,	1,869	-	-	26	168	577	504	190	171	116	63	28	6	7	4	5	3	1	-	-
Young persons (under 18 years of age),	947	-	12	87	164	249	185	118	20	8	1	2	-	1	-	-	-	-	-	-
Dyestuffs and Extracts.																				
Adults (18 years of age and over):																				
Males,	124	-	-	-	-	-	2	4	29	23	3	14	3	10	12	7	6	2	4	5
Females,	18	-	-	-	1	2	14	-	-	-	1	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	5	-	-	1	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	1,087	6	19	57	187	251	833	149	610	524	334	718	610	331	548	655	686	238	178	150
	6,740	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5,789	-	-	2	29	80	121	263	465	477	380	689	602	330	546	632	636	226	172	150
	606	-	2	1	22	89	129	149	124	44	13	22	6	1	2	2	-	-	-	-
	345	6	17	54	76	82	33	48	31	3	1	1	2	-	-	1	-	-	-	-
	46	-	-	-	5	5	6	1	3	3	-	5	1	1	5	1	5	1	-	4
	22	-	-	-	2	-	-	-	-	1	-	4	1	1	2	1	5	1	-	4
	13	-	-	-	1	1	3	-	2	2	-	1	-	-	3	-	-	-	-	-
	11	-	-	-	2	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-
	18,085	-	14	118	369	1,078	1,580	3,869	3,069	1,068	467	463	373	233	325	381	316	168	85	323
	9,209	-	2	5	37	146	831	2,561	1,878	968	403	423	367	224	321	376	212	157	85	323
	1,869	-	-	26	168	577	504	190	171	116	63	28	6	7	4	5	3	1	-	-
	947	-	12	87	164	249	185	118	20	8	1	2	-	1	-	-	-	-	-	-
	147	-	-	1	1	4	17	5	29	23	4	14	3	10	12	7	6	2	4	5
	124	-	-	-	-	-	2	4	29	23	3	14	3	10	12	7	6	2	4	5
	18	-	-	-	1	2	14	-	-	-	1	-	-	-	-	-	-	-	-	-
	5	-	-	1	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earning Persons	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$17	\$17 but under \$18	\$18 but under \$19	\$19 but under \$20	\$20 but under \$25	\$25 and over
Electrical Machinery, Apparatus, and Supplies.	17,360	9	14	126	554	715	833	1,342	1,912	1,351	1,064	1,163	1,314	1,089	1,213	2,401	1,161	543	353	198	
Adults (18 years of age and over):																					
Males,	12,929	-	1	4	80	127	227	424	1,078	954	833	1,067	1,270	1,053	1,184	2,380	1,148	543	353	198	
Females,	2,638	8	5	43	254	322	337	452	562	394	188	76	26	21	16	3	1	-	-	-	
Young persons (under 18 years of age),	1,793	1	8	79	220	266	269	466	272	73	43	20	18	15	13	18	12	-	-	-	
Electroplating.	291	-	-	3	8	21	16	9	23	14	10	27	19	11	27	34	44	12	6	7	
Adults (18 years of age and over):																					
Males,	253	-	-	-	1	12	9	5	20	13	10	25	19	11	27	34	44	12	6	5	
Females,	22	-	-	-	-	6	5	3	3	1	-	2	-	-	-	-	-	-	-	2	
Young persons (under 18 years of age),	16	-	-	3	7	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
Emery and Other Abrasive Wheels.	922	-	-	3	7	22	16	18	32	43	132	101	138	67	90	99	80	35	26	18	
Adults (18 years of age and over):																					
Males,	871	-	-	-	1	8	3	14	30	39	132	101	138	57	90	99	80	35	26	18	
Females,	28	-	-	-	2	4	10	2	1	9	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	23	-	-	3	4	10	3	2	1	-	-	-	-	-	-	-	-	-	-	-	
Enameling and Japanning.	114	-	-	2	4	11	20	4	13	12	8	8	5	4	5	7	3	3	3	2	
Adults (18 years of age and over):																					
Males,	69	-	-	-	1	3	11	2	8	5	1	6	5	4	5	7	3	3	3	2	
Females,	36	-	-	-	-	6	7	2	5	7	7	2	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	9	-	-	2	3	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

[illegible]

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage-Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																				
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25	\$25 and Over	\$22 but under \$25	\$25 but under \$25
		Un-der \$3	but under \$4	but under \$5	but under \$6	but under \$7	but under \$8	but under \$9	but under \$10	but under \$11	but under \$12	but under \$13	but under \$14	but under \$15	but under \$16	but under \$18	but under \$20	but under \$22	but under \$25	but under \$25	but under \$25	but under \$25
Gas and Electric Fixtures.	143	-	1	7	8	10	5	5	11	3	12	5	6	6	18	10	24	11	3	4	3	4
Adults (18 years of age and over):																						
Males,	120	-	-	-	6	5	4	3	10	2	9	5	6	6	18	10	24	11	3	4	3	4
Females,	12	-	1	-	1	4	1	-	1	1	3	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	11	-	-	7	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gas, Illuminating and Heating.	3,016	-	1	3	10	14	28	45	302	158	679	320	187	382	307	282	130	27	51	51	51	51
Adults (18 years of age and over):																						
Males,	3,012	-	1	2	8	14	28	44	302	158	679	320	187	382	307	282	130	27	51	51	51	51
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	4	-	-	1	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glass Cutting, Staining, and Ornamenting.	233	-	4	2	11	8	9	9	15	2	22	12	3	26	13	66	16	9	11	11	11	11
Adults (18 years of age and over):																						
Males,	217	-	2	1	4	6	6	6	14	2	22	12	3	24	13	66	16	9	11	11	11	11
Females,	13	-	-	-	4	1	3	2	1	-	-	-	-	2	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	8	-	2	1	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glue.	633	-	7	78	13	50	51	99	137	22	52	27	13	28	21	14	6	3	8	8	8	8
Adults (18 years of age and over):																						
Males,	480	-	1	1	4	16	41	91	137	22	52	27	13	28	21	14	6	3	8	8	8	8
Females,	135	-	6	63	9	39	10	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	18	-	-	14	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$17	\$17 but under \$18	\$18 but under \$19	\$19 but under \$20	\$20 but under \$21	\$21 but under \$22	\$22 but under \$23	\$23 but under \$24	\$24 but under \$25	\$25 but under \$26	\$26 but under \$27	\$27 but under \$28	\$28 but under \$29	\$29 but under \$30	\$30 but under \$31	\$31 but under \$32	\$32 but under \$33	\$33 but under \$34	\$34 but under \$35	\$35 but under \$36	\$36 but under \$37	\$37 but under \$38	\$38 but under \$39	\$39 but under \$40	\$40 but under \$41	\$41 but under \$42	\$42 but under \$43	\$43 but under \$44	\$44 but under \$45	\$45 but under \$46	\$46 but under \$47	\$47 but under \$48	\$48 but under \$49	\$49 but under \$50	\$50 but under \$51	\$51 but under \$52	\$52 but under \$53	\$53 but under \$54	\$54 but under \$55	\$55 but under \$56	\$56 but under \$57	\$57 but under \$58	\$58 but under \$59	\$59 but under \$60	\$60 but under \$61	\$61 but under \$62	\$62 but under \$63	\$63 but under \$64	\$64 but under \$65	\$65 but under \$66	\$66 but under \$67	\$67 but under \$68	\$68 but under \$69	\$69 but under \$70	\$70 but under \$71	\$71 but under \$72	\$72 but under \$73	\$73 but under \$74	\$74 but under \$75	\$75 but under \$76	\$76 but under \$77	\$77 but under \$78	\$78 but under \$79	\$79 but under \$80	\$80 but under \$81	\$81 but under \$82	\$82 but under \$83	\$83 but under \$84	\$84 but under \$85	\$85 but under \$86	\$86 but under \$87	\$87 but under \$88	\$88 but under \$89	\$89 but under \$90	\$90 but under \$91	\$91 but under \$92	\$92 but under \$93	\$93 but under \$94	\$94 but under \$95	\$95 but under \$96	\$96 but under \$97	\$97 but under \$98	\$98 but under \$99	\$99 but under \$100	\$100 but under \$101	\$101 but under \$102	\$102 but under \$103	\$103 but under \$104	\$104 but under \$105	\$105 but under \$106	\$106 but under \$107	\$107 but under \$108	\$108 but under \$109	\$109 but under \$110	\$110 but under \$111	\$111 but under \$112	\$112 but under \$113	\$113 but under \$114	\$114 but under \$115	\$115 but under \$116	\$116 but under \$117	\$117 but under \$118	\$118 but under \$119	\$119 but under \$120	\$120 but under \$121	\$121 but under \$122	\$122 but under \$123	\$123 but under \$124	\$124 but under \$125	\$125 but under \$126	\$126 but under \$127	\$127 but under \$128	\$128 but under \$129	\$129 but under \$130	\$130 but under \$131	\$131 but under \$132	\$132 but under \$133	\$133 but under \$134	\$134 but under \$135	\$135 but under \$136	\$136 but under \$137	\$137 but under \$138	\$138 but under \$139	\$139 but under \$140	\$140 but under \$141	\$141 but under \$142	\$142 but under \$143	\$143 but under \$144	\$144 but under \$145	\$145 but under \$146	\$146 but under \$147	\$147 but under \$148	\$148 but under \$149	\$149 but under \$150	\$150 but under \$151	\$151 but under \$152	\$152 but under \$153	\$153 but under \$154	\$154 but under \$155	\$155 but under \$156	\$156 but under \$157	\$157 but under \$158	\$158 but under \$159	\$159 but under \$160	\$160 but under \$161	\$161 but under \$162	\$162 but under \$163	\$163 but under \$164	\$164 but under \$165	\$165 but under \$166	\$166 but under \$167	\$167 but under \$168	\$168 but under \$169	\$169 but under \$170	\$170 but under \$171	\$171 but under \$172	\$172 but under \$173	\$173 but under \$174	\$174 but under \$175	\$175 but under \$176	\$176 but under \$177	\$177 but under \$178	\$178 but under \$179	\$179 but under \$180	\$180 but under \$181	\$181 but under \$182	\$182 but under \$183	\$183 but under \$184	\$184 but under \$185	\$185 but under \$186	\$186 but under \$187	\$187 but under \$188	\$188 but under \$189	\$189 but under \$190	\$190 but under \$191	\$191 but under \$192	\$192 but under \$193	\$193 but under \$194	\$194 but under \$195	\$195 but under \$196	\$196 but under \$197	\$197 but under \$198	\$198 but under \$199	\$199 but under \$200	\$200 but under \$201	\$201 but under \$202	\$202 but under \$203	\$203 but under \$204	\$204 but under \$205	\$205 but under \$206	\$206 but under \$207	\$207 but under \$208	\$208 but under \$209	\$209 but under \$210	\$210 but under \$211	\$211 but under \$212	\$212 but under \$213	\$213 but under \$214	\$214 but under \$215	\$215 but under \$216	\$216 but under \$217	\$217 but under \$218	\$218 but under \$219	\$219 but under \$220	\$220 but under \$221	\$221 but under \$222	\$222 but under \$223	\$223 but under \$224	\$224 but under \$225	\$225 but under \$226	\$226 but under \$227	\$227 but under \$228	\$228 but under \$229	\$229 but under \$230	\$230 but under \$231	\$231 but under \$232	\$232 but under \$233	\$233 but under \$234	\$234 but under \$235	\$235 but under \$236	\$236 but under \$237	\$237 but under \$238	\$238 but under \$239	\$239 but under \$240	\$240 but under \$241	\$241 but under \$242	\$242 but under \$243	\$243 but under \$244	\$244 but under \$245	\$245 but under \$246	\$246 but under \$247	\$247 but under \$248	\$248 but under \$249	\$249 but under \$250	\$250 but under \$251	\$251 but under \$252	\$252 but under \$253	\$253 but under \$254	\$254 but under \$255	\$255 but under \$256	\$256 but under \$257	\$257 but under \$258	\$258 but under \$259	\$259 but under \$260	\$260 but under \$261	\$261 but under \$262	\$262 but under \$263	\$263 but under \$264	\$264 but under \$265	\$265 but under \$266	\$266 but under \$267	\$267 but under \$268	\$268 but under \$269	\$269 but under \$270	\$270 but under \$271	\$271 but under \$272	\$272 but under \$273	\$273 but under \$274	\$274 but under \$275	\$275 but under \$276	\$276 but under \$277	\$277 but under \$278	\$278 but under \$279	\$279 but under \$280	\$280 but under \$281	\$281 but under \$282	\$282 but under \$283	\$283 but under \$284	\$284 but under \$285	\$285 but under \$286	\$286 but under \$287	\$287 but under \$288	\$288 but under \$289	\$289 but under \$290	\$290 but under \$291	\$291 but under \$292	\$292 but under \$293	\$293 but under \$294	\$294 but under \$295	\$295 but under \$296	\$296 but under \$297	\$297 but under \$298	\$298 but under \$299	\$299 but under \$300	\$300 but under \$301	\$301 but under \$302	\$302 but under \$303	\$303 but under \$304	\$304 but under \$305	\$305 but under \$306	\$306 but under \$307	\$307 but under \$308	\$308 but under \$309	\$309 but under \$310	\$310 but under \$311	\$311 but under \$312	\$312 but under \$313	\$313 but under \$314	\$314 but under \$315	\$315 but under \$316	\$316 but under \$317	\$317 but under \$318	\$318 but under \$319	\$319 but under \$320	\$320 but under \$321	\$321 but under \$322	\$322 but under \$323	\$323 but under \$324	\$324 but under \$325	\$325 but under \$326	\$326 but under \$327	\$327 but under \$328	\$328 but under \$329	\$329 but under \$330	\$330 but under \$331	\$331 but under \$332	\$332 but under \$333	\$333 but under \$334	\$334 but under \$335	\$335 but under \$336	\$336 but under \$337	\$337 but under \$338	\$338 but under \$339	\$339 but under \$340	\$340 but under \$341	\$341 but under \$342	\$342 but under \$343	\$343 but under \$344	\$344 but under \$345	\$345 but under \$346	\$346 but under \$347	\$347 but under \$348	\$348 but under \$349	\$349 but under \$350	\$350 but under \$351	\$351 but under \$352	\$352 but under \$353	\$353 but under \$354	\$354 but under \$355	\$355 but under \$356	\$356 but under \$357	\$357 but under \$358	\$358 but under \$359	\$359 but under \$360	\$360 but under \$361	\$361 but under \$362	\$362 but under \$363	\$363 but under \$364	\$364 but under \$365	\$365 but under \$366	\$366 but under \$367	\$367 but under \$368	\$368 but under \$369	\$369 but under \$370	\$370 but under \$371	\$371 but under \$372	\$372 but under \$373	\$373 but under \$374	\$374 but under \$375	\$375 but under \$376	\$376 but under \$377	\$377 but under \$378	\$378 but under \$379	\$379 but under \$380	\$380 but under \$381	\$381 but under \$382	\$382 but under \$383	\$383 but under \$384	\$384 but under \$385	\$385 but under \$386	\$386 but under \$387	\$387 but under \$388	\$388 but under \$389	\$389 but under \$390	\$390 but under \$391	\$391 but under \$392	\$392 but under \$393	\$393 but under \$394	\$394 but under \$395	\$395 but under \$396	\$396 but under \$397	\$397 but under \$398	\$398 but under \$399	\$399 but under \$400	\$400 but under \$401	\$401 but under \$402	\$402 but under \$403	\$403 but under \$404	\$404 but under \$405	\$405 but under \$406	\$406 but under \$407	\$407 but under \$408	\$408 but under \$409	\$409 but under \$410	\$410 but under \$411	\$411 but under \$412	\$412 but under \$413	\$413 but under \$414	\$414 but under \$415	\$415 but under \$416	\$416 but under \$417	\$417 but under \$418	\$418 but under \$419	\$419 but under \$420	\$420 but under \$421	\$421 but under \$422	\$422 but under \$423	\$423 but under \$424	\$424 but under \$425	\$425 but under \$426	\$426 but under \$427	\$427 but under \$428	\$428 but under \$429	\$429 but under \$430	\$430 but under \$431	\$431 but under \$432	\$432 but under \$433	\$433 but under \$434	\$434 but under \$435	\$435 but under \$436	\$436 but under \$437	\$437 but under \$438	\$438 but under \$439	\$439 but under \$440	\$440 but under \$441	\$441 but under \$442	\$442 but under \$443	\$443 but under \$444	\$444 but under \$445	\$445 but under \$446	\$446 but under \$447	\$447 but under \$448	\$448 but under \$449	\$449 but under \$450	\$450 but under \$451	\$451 but under \$452	\$452 but under \$453	\$453 but under \$454	\$454 but under \$455	\$455 but under \$456	\$456 but under \$457	\$457 but under \$458	\$458 but under \$459	\$459 but under \$460	\$460 but under \$461	\$461 but under \$462	\$462 but under \$463	\$463 but under \$464	\$464 but under \$465	\$465 but under \$466	\$466 but under \$467	\$467 but under \$468	\$468 but under \$469	\$469 but under \$470	\$470 but under \$471	\$471 but under \$472	\$472 but under \$473	\$473 but under \$474	\$474 but under \$475	\$475 but under \$476	\$476 but under \$477	\$477 but under \$478	\$478 but under \$479	\$479 but under \$480	\$480 but under \$481	\$481 but under \$482	\$482 but under \$483	\$483 but under \$484	\$484 but under \$485	\$485 but under \$486	\$486 but under \$487	\$487 but under \$488	\$488 but under \$489	\$489 but under \$490	\$490 but under \$491	\$491 but under \$492	\$492 but under \$493	\$493 but under \$494	\$494 but under \$495	\$495 but under \$496	\$496 but under \$497	\$497 but under \$498	\$498 but under \$499	\$499 but under \$500	\$500 but under \$501	\$501 but under \$502	\$502 but under \$503	\$503 but under \$504	\$504 but under \$505	\$505 but under \$506	\$506 but under \$507	\$507 but under \$508	\$508 but under \$509	\$509 but under \$510	\$510 but under \$511	\$511 but under \$512	\$512 but under \$513	\$513 but under \$514	\$514 but under \$515	\$515 but under \$516	\$516 but under \$517	\$517 but under \$518	\$518 but under \$519	\$519 but under \$520	\$520 but under \$521	\$521 but under \$522	\$522 but under \$523	\$523 but under \$524	\$524 but under \$525	\$525 but under \$526	\$526 but under \$527	\$527 but under \$528	\$528 but under \$529	\$529 but under \$530	\$530 but under \$531	\$531 but under \$532	\$532 but under \$533	\$533 but under \$534	\$534 but under \$535	\$535 but under \$536	\$536 but under \$537	\$537 but under \$538	\$538 but under \$539	\$539 but under \$540	\$540 but under \$541	\$541 but under \$542	\$542 but under \$543	\$543 but under \$544	\$544 but under \$545	\$545 but under \$546	\$546 but under \$547	\$547 but under \$548	\$548 but under \$549	\$549 but under \$550	\$550 but under \$551	\$551 but under \$552	\$552 but under \$553	\$553 but under \$554	\$554 but under \$555	\$555 but under \$556	\$556 but under \$557	\$557 but under \$558	\$558 but under \$559	\$559 but under \$560	\$560 but under \$561	\$561 but under \$562	\$562 but under \$563	\$563 but under \$564	\$564 but under \$565	\$565 but under \$566	\$566 but under \$567	\$567 but under \$568	\$568 but under \$569	\$569 but under \$570	\$570 but under \$571	\$571 but under \$572	\$572 but under \$573	\$573 but under \$574	\$574 but under \$575	\$575 but under \$576	\$576 but under \$577	\$577 but under \$578	\$578 but under \$579	\$579 but under \$580	\$580 but under \$581	\$581 but under \$582	\$582 but under \$583	\$583 but under \$584	\$584 but under \$585	\$585 but under \$586	\$586 but under \$587	\$587 but under \$588	\$588 but under \$589	\$589 but under \$590	\$590 but under \$591	\$591 but under \$592	\$592 but under \$593	\$593 but under \$594	\$594 but under \$595	\$595 but under \$596	\$596 but under \$597	\$597 but under \$598	\$598 but under \$599	\$599 but under \$600	\$600 but under \$601	\$601 but under \$602	\$602 but under \$603	\$603 but under \$604	\$604 but under \$605	\$605 but under \$606	\$606 but under \$607	\$607 but under \$608	\$608 but under \$609	\$609 but under \$610	\$610 but under \$611	\$611 but under \$612	\$612 but under \$613	\$613 but under \$614	\$614 but under \$615	\$615 but under \$616	\$616 but under \$617	\$617 but under \$618	\$618 but under \$619	\$619 but under \$620	\$620 but under \$621	\$621 but under \$622	\$622 but under \$623	\$623 but under \$624	\$624 but under \$625	\$625 but under \$626	\$626 but under \$627	\$627 but under \$628

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage-Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over	
Iron and Steel, Bolts, Nuts, Washers, and Rivets, not made in Steel Works or Rolling Mills.	1,325	-	3	3	73	68	204	29	39	28	78	115	133	31	87	97	74	106	44	25	
	Adults (18 years of age and over):																				
	Males,	907	-	1	17	7	23	10	37	28	77	112	133	31	87	95	74	106	44	25	
	Females,	393	1	-	52	55	206	14	-	-	-	3	-	-	-	2	-	-	-	-	
Young persons (under 18 years of age),	25	2	2	4	4	5	5	2	-	1	-	-	-	-	-	-	-	-	-	-	
Iron and Steel Forgings.	761	-	1	-	-	19	19	2	25	39	67	90	53	33	33	59	95	64	58	69	
	Adults (18 years of age and over):																				
	Males,	753	-	-	-	5	12	2	25	39	67	90	53	33	33	59	95	64	58	69	
	Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	8	1	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iron and Steel, Nails and Spikes, Cut and Wrought, Including Wire Nails, not made in Steel Works or Rolling Mills.	1,505	-	1	30	65	144	123	86	176	113	147	78	44	13	43	44	46	47	36	71	
	Adults (18 years of age and over):																				
	Males,	972	-	-	21	41	62	55	139	100	139	73	44	13	43	44	46	47	36	71	
	Females,	300	-	29	41	83	57	30	34	13	8	5	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	33	1	1	3	20	4	1	3	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage- Earning Persons	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																							
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$17	\$17 but under \$18	\$18 but under \$19	\$19 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over			
Leather Goods, not elsewhere Specified.																									
Adults (18 years of age and over):	465	-	5	22	34	67	53	37	40	✓															
Males,	208	-	-	1	1	7	7	8	27	21	11	21	4	13	7	19	10	10	10	10	10	28			
Females,	170	-	2	7	20	36	25	23	13	7	1	8	3	-	4	6	3	8	2	2	2	2			
Young persons (under 18 years of age),	85	-	3	14	13	24	21	6	-	3	1	-	-	-	-	-	-	-	-	-	-	-			
Leather, Tanned, Curried, and Finished.																									
Adults (18 years of age and over):	10,455	-	3	34	38	159	510	880	1,069	1,988	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Males,	10,124	-	3	25	16	67	434	824	1,643	1,975	900	1,060	400	392	633	510	486	373	224	159	159	159			
Females,	166	-	-	1	14	41	47	36	6	8	3	5	-	-	4	-	1	-	-	-	-	-			
Young persons (under 18 years of age),	143	-	-	8	8	51	29	20	20	3	3	1	-	-	-	-	-	-	-	-	-	-			
Line.																									
Adults (18 years of age and over):	556	-	-	-	-	6	-	12	95	62	147	108	20	18	46	10	5	3	4	6	6	6			
Males,	533	-	-	-	-	4	-	12	94	62	147	102	20	18	46	10	5	3	4	6	6	6			
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Young persons (under 18 years of age),	2	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-			

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over	
Lumber and Timber Products.	2,460	-	3	5	13	31	51	92	234	433	229	429	190	98	188	88	169	49	32	31	
Adults (18 years of age and over):																					
Males,	2,292	-	1	-	6	13	33	90	229	427	229	437	190	93	187	87	168	49	32	31	
Females,	24	-	1	1	2	2	4	1	5	3	-	2	-	-	1	1	-	-	-	-	
Young persons (under 18 years of age),	44	-	1	4	5	16	14	1	-	3	-	-	-	-	-	-	-	-	-	-	
Lumber, Planing-Mill Products.	3,522	-	3	5	23	49	59	72	214	310	136	369	220	112	347	305	475	446	267	110	
Adults (18 years of age and over):																					
Males,	3,399	-	-	-	10	19	28	60	204	302	134	364	220	111	345	304	475	446	267	110	
Females,	36	-	-	1	-	2	8	1	7	6	2	5	-	1	2	1	-	-	-	-	
Young persons (under 18 years of age),	87	-	3	4	13	28	23	11	3	2	-	-	-	-	-	-	-	-	-	-	
Marble and Stone Work.	3,068	-	1	1	7	19	21	26	75	208	166	551	222	211	196	120	787	210	197	56	
Adults (18 years of age and over):																					
Males,	3,042	-	-	-	5	11	19	25	71	205	156	551	222	211	196	120	787	210	197	56	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	20	-	1	1	2	8	2	1	4	1	-	-	-	-	-	-	-	-	-	-	
Matresses and Spring Beds.	823	-	3	13	25	61	76	76	101	96	41	36	55	36	43	57	89	16	9	13	
Adults (18 years of age and over):																					
Males,	579	-	1	4	8	25	36	47	74	69	31	69	39	25	42	32	39	16	9	13	
Females,	217	-	-	1	9	25	35	28	25	27	10	24	16	11	1	5	-	-	-	-	
Young persons (under 18 years of age),	37	-	2	8	8	11	5	1	2	-	-	-	-	-	-	-	-	-	-	-	

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over
Monuments and Tombstones.	1,590	1	1	4	31	28	37	29	32	25	17	40	30	45	49	46	962	172	29	18
Adults (18 years of age and over):																				
Males,	1,556	1	-	2	17	22	32	25	30	25	17	40	30	45	49	46	962	172	29	12
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	34	-	1	2	14	6	5	4	2	-	-	-	-	-	-	-	-	-	-	-
Motorcycles, Bicycles, and Parts.	3,229	-	1	9	30	28	25	33	92	129	120	152	195	163	170	337	429	477	517	322
Adults (18 years of age and over):																				
Males,	3,102	-	-	-	2	3	8	14	77	125	115	149	194	163	170	337	429	477	517	322
Females,	34	-	-	-	6	5	-	13	6	2	1	1	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	93	-	1	9	22	20	17	6	9	2	4	2	1	-	-	-	-	-	-	-
Necklace and Paste.	105	-	1	4	2	8	2	3	4	4	6	16	8	3	12	3	7	8	4	10
Adults (18 years of age and over):																				
Males,	84	-	-	-	1	1	1	1	4	2	5	15	8	2	12	3	7	8	4	10
Females,	19	-	-	3	1	7	1	2	-	2	1	1	-	1	-	-	-	-	-	-
Young persons (under 18 years of age),	2	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Musical Instruments and Materials, not Specified.	203	-	-	7	19	11	5	24	14	17	7	10	12	14	12	16	21	10	4	5
Adults (18 years of age and over):																				
Males,	141	-	-	1	1	2	3	15	10	5	5	10	11	13	12	15	21	10	2	5
Females,	32	-	-	-	2	5	2	5	1	11	1	-	1	1	-	1	-	-	2	-
Young persons (under 18 years of age),	35	-	-	6	16	4	-	4	3	1	1	-	-	-	-	-	-	-	-	-

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Under \$3		\$3 but under \$4		\$4 but under \$5		\$5 but under \$6		\$6 but under \$7		\$7 but under \$8		\$8 but under \$9		\$9 but under \$10		\$10 but under \$11		\$11 but under \$12	
		\$3	\$4	\$4	\$5	\$5	\$6	\$6	\$7	\$7	\$8	\$8	\$9	\$9	\$10	\$10	\$11	\$11	\$12	\$12	
Paper Goods, not elsewhere Specified.	4,105	2	55	349	405	399	399	404	416	194	385	205	183	188	223	188	83	83	80	65	
Adults (18 years of age and over):																					
Males,	2,180	-	5	26	45	67	123	184	260	128	322	171	108	178	212	184	83	83	30	54	
Females,	1,541	1	24	196	245	269	244	206	154	65	63	33	15	10	11	4	-	-	-	1	
Young persons (under 18 years of age),	384	2	1	26	127	115	63	32	14	2	1	1	-	-	-	-	-	-	-	-	
Patent Medicines and Compounds and Druggists' Preparations.	1,609	-	43	169	213	217	159	120	122	40	128	40	51	81	46	69	44	23	45		
Adults (18 years of age and over):																					
Males,	717	-	2	6	24	41	41	57	72	24	109	27	39	68	42	61	42	20	42		
Females,	736	-	7	95	161	155	116	60	50	16	19	13	12	13	4	8	2	2	3		
Young persons (under 18 years of age),	156	-	34	68	28	21	2	3	-	-	-	-	-	-	-	-	-	-	-		
Paving Materials.	292	-	-	-	1	-	-	5	44	5	92	29	17	14	18	14	10	7	6		
Adults (18 years of age and over):																					
Males,	262	-	-	-	1	-	-	5	44	5	92	29	17	14	18	14	10	7	6		
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earnings	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																	
		\$3		\$4		\$5		\$6		\$7		\$8		\$9		\$10		\$11	
		Un- der \$3	\$3	Un- der \$4	\$4	Un- der \$5	\$5	Un- der \$6	\$6	Un- der \$7	\$7	Un- der \$8	\$8	Un- der \$9	\$9	Un- der \$10	\$10	Un- der \$11	\$11
Printing and Publishing, Book and Job.	8,118	11	48	251	373	496	419	424	568	503	281	430	291	303	521	754	784	737	515
Adults (18 years of age and over):																			
Males,	5,112	-	9	24	71	114	112	131	192	235	162	301	189	228	431	662	692	699	500
Females,	2,289	1	2	43	112	246	225	251	365	256	116	183	100	75	88	91	72	38	15
Young persons (under 18 years of age),	717	10	37	184	190	136	82	42	11	12	3	5	2	-	2	1	-	-	-
Printing and Publishing, News- papers and Periodicals.	3,432	15	18	53	84	118	137	149	116	191	74	212	81	150	184	153	405	241	723
Adults (18 years of age and over):																			
Males,	2,585	-	4	13	17	53	55	45	39	93	34	135	55	109	150	143	204	383	334
Females,	637	-	2	3	18	39	76	97	75	95	39	74	26	21	34	15	35	22	7
Young persons (under 18 years of age),	160	15	12	37	49	26	6	7	1	3	1	3	-	-	-	-	-	-	-
Refrigerators.	186	-	-	5	2	-	6	11	8	10	5	10	11	12	23	20	17	15	20
Adults (18 years of age and over):																			
Males,	179	-	-	-	-	-	6	11	8	10	5	10	11	12	23	20	17	15	20
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	7	-	-	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	25	-	1	4	5	12	10	9	10	8	5	3	7	9	6	3	4	5	6
Regalia and Society Badges and Emblems.																			
Adults (18 years of age and over):																			
Males,	43	-	-	-	-	-	1	1	3	1	1	2	6	9	5	3	3	3	5
Females,	46	-	-	-	3	11	9	8	7	1	2	1	1	-	1	-	1	-	1
Young persons (under 18 years of age),	6	-	1	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubber Goods, not elsewhere Specified.																			
Adults (18 years of age and over):	5,125	-	55	129	134	253	348	603	651	458	585	298	188	312	356	306	217	175	183
Males,	4,135	-	-	9	16	81	191	478	570	350	542	273	177	298	330	306	217	174	123
Females,	626	-	1	57	60	67	91	91	62	100	41	24	11	14	6	-	-	1	-
Young persons (under 18 years of age),	364	-	34	63	58	85	60	34	19	8	2	1	-	-	-	-	-	-	-
Saddlery and Harness.																			
Adults (18 years of age and over):	563	-	1	2	1	4	4	23	24	13	39	55	45	49	53	17	10	5	-
Males,	311	-	-	-	1	1	1	12	9	18	37	55	46	46	53	17	10	5	-
Females,	38	-	1	-	-	3	3	11	15	-	2	-	-	3	-	-	-	-	-
Young persons (under 18 years of age),	4	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sausage, not made in Slaughtering and Meat-Packing Establishments.																			
Adults (18 years of age and over):	499	-	2	2	7	8	7	21	26	26	88	54	58	64	43	39	19	10	15
Males,	466	-	-	-	2	-	6	15	30	26	87	53	58	64	43	38	19	10	15
Females,	23	-	-	-	3	6	1	4	6	-	1	1	-	-	-	1	-	-	-
Young persons (under 18 years of age),	10	-	2	2	2	2	-	2	-	-	-	-	-	-	-	-	-	-	-

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earning	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																	\$25 and Over
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25
Scales and Balances.																			
Adults (18 years of age and over):	27	-	-	1	-	-	1	1	-	2	1	1	1	4	4	3	7	-	1
Males,	27	-	-	1	-	-	1	1	-	2	1	1	1	4	4	3	7	-	1
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Screws, Machine.																			
Adults (18 years of age and over):	391	-	1	16	35	33	20	27	23	30	32	17	21	13	21	35	32	16	12
Males,	336	-	-	1	17	20	16	24	22	30	32	17	21	13	21	35	32	16	12
Females,	27	-	-	1	11	7	4	3	1	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	28	-	1	14	7	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Shipbuilding, Wooden, Including Boat Building.																			
Adults (18 years of age and over):	1,064	-	-	2	3	7	4	7	25	38	18	80	35	24	110	112	413	127	45
Males,	1,058	-	-	1	3	3	4	7	25	38	18	79	35	24	110	112	413	127	45
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	6	-	-	1	-	4	-	-	-	-	1	-	-	-	-	-	-	-	-
Shirts.																			
Adults (18 years of age and over):	1,866	-	14	28	63	280	232	231	206	229	147	90	55	62	86	93	35	22	8
Males,	445	-	-	2	2	10	22	15	16	16	16	26	33	42	78	89	33	22	8
Females,	1,273	-	5	12	35	214	172	204	185	208	129	63	22	10	8	4	2	-	-
Young persons (under 18 years of age),	168	-	9	14	26	56	38	12	5	5	2	1	-	-	-	-	-	-	-

Shoddy, Wool.

Adults (18 years of age and over):

Males, 512
 Females, 35
 Young persons (under 18 years of age),

Show-Cases.

Adults (18 years of age and over):

Males, 87
 Females, 1
 Young persons (under 18 years of age), 1

Signs and Advertising Novelties.

Adults (18 years of age and over):

Males, 203
 Females, 180
 Young persons (under 18 years of age), 17

Silk and Silk Goods, Including Throwsters.

Adults (18 years of age and over):

Males, 1,350
 Females, 2,500
 Young persons (under 18 years of age), 588

Silverware and Plated Ware.

Adults (18 years of age and over):

Males, 1,974
 Females, 330
 Young persons (under 18 years of age), 128

647	-	-	-	-	1	26	13	103	237	73	17	14	6	9	16	10	5	10	4	8
512	-	-	-	-	-	5	7	98	236	72	17	14	6	9	16	10	5	10	4	8
35	-	-	-	-	1	21	6	5	1	1	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
89	-	1	-	-	-	-	3	1	3	4	-	3	3	1	13	9	24	14	8	5
87	-	-	-	-	-	-	1	1	3	4	-	2	3	1	12	9	24	14	8	5
1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	2	25	30	30	31	23	3	19	15	5	33	31	35	13	22	14
203	-	-	-	-	-	-	2	1	4	14	2	17	15	4	32	21	38	13	22	14
180	-	-	-	-	2	16	29	25	27	8	1	2	-	1	-	-	-	-	-	-
17	-	-	-	-	-	9	7	1	-	-	-	-	-	-	-	-	-	-	-	-
4,518	1	20	71	236	539	437	438	609	603	454	450	454	535	196	114	87	64	38	34	43
1,350	-	3	4	9	41	35	87	102	183	134	130	134	148	141	89	74	61	35	32	43
2,500	-	4	21	102	195	242	343	444	318	317	317	320	184	54	25	13	3	3	2	-
588	1	13	46	125	103	210	58	23	2	3	-	-	3	1	-	-	-	-	-	-
2,422	-	13	44	46	106	166	119	146	117	108	108	159	171	97	240	236	208	125	125	108
1,974	-	2	5	6	25	37	45	93	102	92	92	149	108	97	237	236	208	125	125	108
330	-	-	1	21	54	109	57	48	14	10	10	9	3	-	3	-	1	-	-	-
128	-	10	38	19	27	10	17	6	1	-	-	1	-	-	-	-	-	-	-	-

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earning Persons	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Slaughtering and Meat Packing.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage-earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un-der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over	
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25		
Stoves and Hot-Air Furnaces, not including Gas and Oil Stoves.	1,823	-	-	2	3	7	18	16	60	166	85	236	97	42	114	134	152	146	154	391	
Adults (18 years of age and over):		-	-	2	-	2	10	14	52	159	83	233	97	41	114	134	151	146	154	391	
Males,	1,783	-	-	-	1	-	2	-	1	4	2	3	-	1	-	-	1	-	-	-	
Females,	15	-	-	-	2	5	6	2	7	3	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Structural Iron Work, not made in Steel Works or Rolling Mills.	1,714	-	1	5	8	17	19	31	58	202	113	248	159	72	164	149	158	86	74	180	
Adults (18 years of age and over):		-	-	2	4	8	11	26	58	202	113	248	159	72	164	149	158	86	74	150	
Males,	1,684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	30	-	1	3	4	9	8	5	-	-	-	-	-	-	-	-	-	-	-	-	
Surgical Appliances.	278	-	-	4	16	20	20	15	36	57	26	11	6	5	10	10	13	10	8	12	
Adults (18 years of age and over):		-	-	1	-	1	2	6	27	49	23	9	6	5	8	9	13	10	8	12	
Males,	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Females,	77	-	-	-	14	17	17	8	8	7	2	2	-	2	-	-	-	-	-	-	
Young persons (under 18 years of age),	11	-	-	3	1	2	1	1	1	1	-	-	-	-	-	1	-	-	-	-	

TABLE IV. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earnings	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over	
		Un- der \$3	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25
Upholstering Materials.	283	-	1	4	11	9	9	78	58	18	18	8	8	3	28	23	14	1	1	8
Adults (18 years of age and over):																				
Males,	215	-	-	1	5	3	5	72	53	12	16	6	6	3	14	14	7	1	1	2
Females,	65	-	-	1	6	6	1	6	5	6	2	2	-	-	14	9	7	-	-	-
Young persons (under 18 years of age),	3	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinegar and Cider.	185	-	-	-	3	2	-	18	31	20	65	11	1	22	6	3	1	-	-	8
Adults (18 years of age and over):																				
Males,	180	-	-	-	3	1	-	16	29	20	65	11	1	22	6	3	1	-	-	2
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	5	-	-	-	-	1	-	2	2	-	-	-	-	-	-	-	-	-	-	-
Waste.	809	-	57	132	100	141	124	67	81	25	30	19	10	12	12	12	4	1	1	1
Adults (18 years of age and over):																				
Males,	488	-	-	-	13	114	108	57	70	25	30	19	10	12	12	12	4	1	1	1
Females,	308	-	37	132	85	18	16	10	10	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	13	-	1	-	2	9	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Watch and Clock Materials.	186	-	2	7	18	27	20	16	14	6	6	5	4	3	11	12	3	12	4	4
Adults (18 years of age and over):																				
Males,	58	-	-	-	1	-	-	2	1	4	2	3	2	3	11	11	3	12	3	3
Females,	112	-	4	12	22	20	16	13	13	2	4	2	2	-	-	1	-	-	-	1
Young persons (under 18 years of age),	16	-	2	3	6	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-

TABLE IV. WAGES — Concluded.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1914 — Concluded.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over	
		Un- der \$3																		
Wood, Turned and Carved.	1,386	-	19	34	175	322	185	151	138	42	93	28	24	43	15	30	12	6	9	
Adults (18 years of age and over):																				
Males,	1,212	-	-	6	139	305	180	144	138	42	91	28	24	43	15	30	12	6	9	
Females,	19	-	-	1	4	4	3	5	-	-	2	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	95	-	19	27	32	13	2	2	-	-	-	-	-	-	-	-	-	-	-	
Wooden Goods, not elsewhere Specified.	383	-	9	10	27	28	16	33	36	24	67	27	13	23	9	24	19	13	6	
Adults (18 years of age and over):																				
Males,	312	-	-	1	5	14	10	29	32	24	65	26	13	22	9	24	19	13	6	
Females,	24	-	1	2	5	6	3	1	2	-	2	1	-	1	-	-	-	-	-	
Young persons (under 18 years of age),	47	-	8	7	17	8	3	2	2	-	-	-	-	-	-	-	-	-	-	
Wool Scouring.	800	-	1	4	40	83	143	207	75	71	43	15	19	107	59	38	17	10	8	
Adults (18 years of age and over):																				
Males,	845	-	-	-	-	50	135	207	74	71	42	15	12	107	59	38	17	10	8	
Females,	48	-	-	2	37	2	6	-	1	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	7	-	1	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE V. DAYS IN OPERATION.

A. THE STATE: BY INDUSTRIES.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
THE STATE.	12,013	286.0	The State — Con.		
Agricultural implements, . . .	4	311.3	Coffee and spice, roast-	21	308.5
Artificial limbs, . . .	8	277.2	ing and grinding, . . .		
Artificial stone products, . . .	55	230.2	Coffins, burial cases, and	9	308.9
Automobiles, including			undertakers' goods, . . .	24	276.5
bodies and parts, . . .	66	176.6	Combs and hairpins, . . .		
Automobile repairing, . . .	86	308.1	Confectionery and ice		
awnings, tents, and sails,			cream, . . .	276	288.4
Baskets, and rattan and	58	262.1	Confectionery, . . .	145	285.2
willow ware, . . .	15	282.7	Chewing gum, . . .	3	157.7
Belting, leather, . . .	20	303.4	Ice cream, . . .	123	284.7
Belting and hose, woven,	6	300.7	Cooperage, . . .	35	212.3
Billiard tables and ma-			Copper, tin, and sheet-		
terials, . . .	6	306.0	iron products, . . .	150	291.8
Blacking, stains, and			Cordage and twine, and		
dressings, . . .	50	300.7	jute goods, . . .	13	292.9
Bookbinding and blank-			Cordials and flavoring		
book making, . . .	96	297.0	sirups, . . .	9	294.2
Boot and shoe cut stock			Corsets, . . .	11	284.8
and findings, . . .	420	282.9	Cotton goods, . . .	165	288.5
Boots and shoes, . . .	464	277.2	Cotton small wares, . . .	24	281.4
Boots and shoes, rubber, . .	9	273.4	Cutlery and tools, not		
Boxes, cigar, . . .	5	237.4	elsewhere specified, . .	137	276.1
Boxes, fancy and paper, . .	97	292.6	Dental goods, . . .	8	297.7
Boxes, wooden packing, . .	91	271.7	Dyeing and finishing		
Brass, bronze, and copper			textiles, . . .	57	278.5
products, . . .	73	281.0	Dyestuffs and extracts, .	17	300.4
Bread and other bakery			Electrical machinery, ap-		
products, . . .	1,419	298.1	paratus, and supplies, .	91	283.7
Brick and tile, . . .	46	194.5	Electroplating, . . .	50	296.8
Brooms, . . .	26	235.6	Emery and other abra-		
Brushes, . . .	29	290.3	sive wheels, . . .	12	286.7
Butter, . . .	17	290.9	Enameling and japan-		
Buttons, . . .	14	273.1	ing, . . .	13	296.1
Canning and preserving,			Engraving and disink-		
Card cutting and design-	65	255.2	ing, . . .	43	296.6
ing, . . .	4	292.5	Engraving steel and cop-		
Carpets and rugs, other			per plate, including		
than rag, . . .	12	277.4	plate printing, . . .	29	293.1
Carpets, rag, . . .	21	298.2	Envelopes, . . .	11	294.3
Carriages and sleds, chil-			Fancy articles, not else-		
dren's, . . .	8	291.4	where specified, . . .	30	279.2
Carriages and wagons			Felt goods, . . .	15	251.8
and materials, . . .	140	301.9	Firearms, . . .	6	284.8
Carriages and wagons (re-			Flavoring extracts, . .	35	300.6
pair work exclusively), . .	26	296.6	Flour-mill and gristmill		
Cars and general shop			products, . . .	105	236.5
construction and re-			Food preparations, . . .	68	252.2
pairs by steam-rail-			Foundry and machine-		
road companies, . . .	15	287.3	shop products, . . .	724	288.9
Cars and general shop			Fur goods, . . .	17	264.1
construction and re-			Furnishing goods, men's,	13	293.5
pairs by electric-rail-			Furniture, . . .	134	284.5
road companies, . . .	39	325.6	Galvanizing, . . .	3	296.7
Chemicals, . . .	24	297.4	Gas and electric fixtures,	15	292.7
Cleansing and polishing			Gas, illuminating and		
preparations, . . .	34	298.4	heating, . . .	61	353.4
Cloth, sponging and re-			Glass cutting, staining,		
finishing, . . .	4	303.0	and ornamenting, . .	35	282.5
Clothing, men's, . . .	213	276.3	Glue, . . .	11	271.3
Clothing, men's, button-			Gold and silver, leaf and		
holes, . . .	3	295.7	foil, . . .	10	287.6
Clothing, women's, . . .	202	279.3	Gold and silver, reducing		
			and refining, not from		
			the ore, . . .	7	306.0

TABLE V. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Grease and tallow, . . .	33	287.6	Musical instruments and materials, not specified, . . .	25	297.8
Hand-knit goods, . . .	8	177.5	Musical instruments, pianos and organs, and materials, . . .	53	283.6
Hand stamps and stencils and brands, . . .	33	297.7	Oil, not elsewhere specified, . . .	16	300.5
Hardware, . . .	31	285.1	Optical goods, . . .	13	292.8
Hats and caps, other than felt, straw, and wool, . . .	38	283.0	Paints and varnishes, . . .	34	293.0
Hats, fur-felt, . . .	10	243.9	Paper and wood pulp, . . .	86	287.6
Hats, straw, . . .	19	263.7	Paper goods, not elsewhere specified, . . .	49	276.5
Hosiery and knit goods, . . .	69	273.0	Patent medicines and compounds and druggists' preparations, . . .	162	280.6
House-furnishing goods, not elsewhere specified, . . .	29	277.4	Paving materials, . . .	11	203.6
Ice, manufactured, . . .	6	320.0	Photo-engraving, . . .	27	301.4
Instruments, professional and scientific, . . .	23	293.0	Pipes, tobacco, . . .	3	295.2
Iron and steel, steel works and rolling mills, . . .	11	276.7	Plumbers' supplies, . . .	19	286.7
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works and rolling mills, . . .	8	280.6	Pocketbooks, . . .	10	280.1
Iron and steel forgings, . . .	10	279.9	Pottery, not including terra cotta and fire-clay products, . . .	8	301.6
Iron and steel nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills, . . .	28	270.0	Printing and publishing, book and job, . . .	741	294.7
Jewelry, . . .	202	269.8	Printing and publishing, music, . . .	9	292.0
Jewelry and instrument cases, . . .	10	294.6	Printing and publishing, newspapers and periodicals, . . .	456	304.8
Labels and tags, . . .	6	303.8	Refrigerators, . . .	11	298.1
Lamps and reflectors, . . .	7	300.9	Regalia and society badges and emblems, . . .	12	303.7
Lasts, . . .	32	283.0	Rubber goods, not elsewhere specified, . . .	43	263.9
Leather goods, not elsewhere specified, . . .	41	297.1	Saddlery and harness, . . .	43	302.5
Leather, tanned, curried, and finished, . . .	126	274.1	Sausage, not made in slaughtering and meat-packing establishments, . . .	61	301.1
Lime, . . .	11	309.6	Scales and balances, . . .	4	275.5
Linen goods, . . .	7	264.7	Screws, machine, . . .	17	299.7
Liquors, distilled, . . .	7	288.6	Shipbuilding, wooden, including boat building, . . .	81	271.3
Liquors, malt, . . .	26	295.4	Shirts, . . .	14	296.6
Lithographing, . . .	13	296.8	Shoddy, wool, . . .	17	280.0
Looking-glass and picture frames, . . .	31	288.8	Show cases, . . .	12	303.1
Lumber and timber products, . . .	277	167.6	Signs and advertising novelties, . . .	20	290.1
Lumber, planing-mill products, . . .	198	290.9	Silk and silk goods, including throwsters, . . .	19	281.4
Marble and stone work, . . .	107	256.2	Silverware and plated ware, . . .	17	283.7
Mattresses and spring beds, . . .	54	300.0	Slaughtering and meat packing, . . .	46	267.7
Millinery and lace goods, . . .	69	287.4	Soap, . . .	23	276.0
Mineral and soda waters, . . .	171	269.9	Sporting and athletic goods, . . .	15	281.7
Minerals and earthen, ground, . . .	9	280.3	Springs, steel, car, and carriage, . . .	7	301.7
Mirrors, . . .	8	291.8	Stationery goods, not elsewhere specified, . . .	27	285.7
Models and patterns, not including paper patterns, . . .	66	294.5	Statuary and art goods, . . .	13	291.6
Monuments and tombstones, . . .	199	273.1			
Motorcycles, bicycles, and parts, . . .	6	253.2			
Mudilage and paste, . . .	22	243.6			

TABLE V. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Steam fittings and steam and hot-water heating apparatus,	21	286.5	Waste,	11	265.5
Steam packing,	11	276.6	Watch and clock materials,	5	270.6
Stereotyping and electrotyping,	15	303.3	Whips,	21	293.7
Stoves and hot-air furnaces, except gas and oil stoves,	13	249.3	Window and door screens and weather strips,	23	293.0
Structural ironwork, not made in steel works or rolling mills,	51	302.1	Window shades and fixtures,	14	303.6
Surgical appliances,	14	303.9	Wire,	8	293.9
Suspenders, garters, and elastic woven goods,	30	288.8	Wirework, including wire rope and cable,	30	278.1
Tobacco manufactures,	336	281.6	Wood, turned and carved,	62	277.7
Toys and games,	18	260.2	Wooden goods, not elsewhere specified,	18	280.6
Trunks and valises,	25	287.5	Wool scouring,	10	267.6
Type founding and printing materials,	9	272.8	Woolen and worsted goods,	156	272.1
Upholstering materials,	8	294.0	All other industries,	235	280.5
Vinegar and cider,	53	181.5			

B. THE STATE: BY CITIES AND TOWNS.

CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation	CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation
THE STATE.	12,013	289.0	The State — Con.		
Abington,	22	278.2	CHELSEA,	123	289.9
Acton,	12	288.7	Chester,	9	250.1
Adams,	35	290.3	CHICOPEE,	62	277.3
Amesbury,	59	276.8	Clinton,	36	279.4
Amherst,	21	289.2	Concord,	6	301.5
Andover,	13	286.5	Dalton,	10	269.6
Arlington,	19	307.2	Danvers,	27	267.3
Ashburnham,	12	218.8	Dedham,	15	308.5
Athol,	42	261.4	Deerfield,	9	225.2
Attleborough,	151	273.4	Dighton,	10	242.1
Ayer,	14	273.7	Douglas,	11	195.8
Barnstable,	15	263.5	Dudley,	10	242.9
Barre,	9	242.8	Easthampton,	25	265.6
Becket,	8	287.3	Easton,	10	279.7
Belmont,	9	308.7	Erving,	6	225.8
Beverly,	67	283.4	Essex,	6	219.0
Billerica,	10	246.7	EVERETT,	85	294.0
Boston,	3,138	292.8	FALL RIVER,	315	284.8
Braintree,	18	278.3	FITCHBURG,	137	284.3
Bridgewater,	21	249.5	Foxborough,	15	250.5
Brockton,	243	285.3	Framingham,	49	289.1
Brookfield,	4	284.7	Franklin,	27	273.4
Brookline,	21	290.0	Gardner,	64	286.8
CAMBRIDGE,	316	290.4	Georgetown,	7	252.3
Canton,	18	280.9	GLOUCESTER,	87	290.1

TABLE V. DAYS IN OPERATION — Concluded.

B. THE STATE: BY CITIES AND TOWNS — Concluded.

CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation	CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Grafton,	14	284.6	Palmer,	25	286.2
Great Barrington,	21	280.4	Peabody,	77	290.2
Greenfield,	50	290.4	Pepperell,	12	261.0
Hanover,	8	219.0	Pittsfield,	84	285.6
Hanson,	8	205.1	Plainville,	6	283.2
HAVERHILL,	396	282.7	Plymouth,	37	295.7
Hingham,	8	256.6	QUINCY,	177	273.1
HOLYOKE,	222	282.9	Randolph,	10	290.0
Hudson,	32	286.8	Reading,	18	279.7
Kingston,	12	284.3	Revere,	27	308.7
LAWRENCE,	221	300.0	Rockland,	21	282.9
Lee,	22	235.4	Rockport,	15	232.7
Leicester,	10	296.3	Rowley,	8	266.3
Leominster,	89	279.3	SALEM,	178	262.3
Lexington,	11	279.1	Saugus,	12	265.9
LOWELL,	300	288.4	Shelburne,	9	227.9
LYNN,	429	289.6	Shirley,	8	186.3
MALDEN,	92	290.5	SOMERVILLE,	144	295.6
Manchester,	9	291.7	South Hadley,	13	300.1
Mansfield,	31	242.3	Southbridge,	35	297.0
Marblehead,	27	258.1	Spencer,	18	275.8
MARLBOROUGH,	43	282.2	SPRINGFIELD,	395	295.4
MEDFORD,	54	287.4	Stoneham,	23	279.0
Medway,	11	303.1	Stoughton,	21	283.3
MELROSE,	26	290.8	Swampscott,	7	300.7
Merrimac,	8	274.1	TAUNTON,	115	279.0
Methuen,	25	285.9	Templeton,	19	245.5
Middleborough,	35	240.6	Townsend,	8	281.7
Milford,	59	268.8	Uxbridge,	16	258.7
Millbury,	27	272.2	Wakefield,	22	288.9
Milton,	6	280.3	Walpole,	16	302.3
Monson,	9	262.0	WALTHAM,	88	292.9
Montague,	21	249.7	Ware,	22	290.0
Natick,	38	283.2	Wareham,	18	211.0
Needham,	24	288.0	Warren,	9	277.6
NEW BEDFORD,	233	294.9	Watertown,	30	281.7
NEWBURYPORT,	54	288.8	Wellesley,	10	300.8
NEWTON,	58	288.7	West Springfield,	29	279.0
NORTH ADAMS,	70	301.2	West Stockbridge,	10	258.8
North Andover,	8	271.9	Westborough,	17	249.9
North Attleborough,	74	268.5	Westfield,	100	296.1
North Brookfield,	9	262.0	Westford,	17	217.4
North Reading,	6	303.5	Weymouth,	40	271.9
NORTHAMPTON,	75	292.8	Whitman,	24	277.8
Northborough,	6	236.6	Williamsburg,	12	243.3
Northbridge,	19	253.0	Winchendon,	28	294.2
Norton,	6	233.5	Winchester,	19	275.7
Norwood,	25	269.7	Winthrop,	10	307.9
Orange,	21	260.2	WOBURN,	57	289.6
Oxford,	12	239.2	WORCESTER,	606	287.0

TABLE VI. *Power Used in Manufactures in Massachusetts — 1899-1914.*

POWER.	NUMBER OF ENGINES OR MOTORS				HORSEPOWER			
	1914	1909	1904	1899 ¹	1914	1909	1904	1899 ¹
Primary power, total.								
Owned,	-	-	-	-	1,386,722	1,175,971	933,897	795,061
Steam,	7,205	8,485	8,449	8,996	1,180,273	1,040,438	835,369	764,067
Gas,	4,893	5,784	5,835	6,439	970,506	833,701	690,467	576,525
Water wheels,	770	896	654	468	20,242	18,326	7,487	4,074
Water motors,	1,480	1,720	1,868	2,089	188,917	183,906	153,135	181,907
Other,	62	56	72	- ²	908	520	292	- ²
Rented,	-	-	-	-	-	1,895	3,988	1,561
Electric,	26,412	10,794	- ²	- ²	216,149	134,633	82,638	31,994
Other,	26,412	10,794	- ²	- ²	200,239	109,906	27,073	13,409
Electric motors,	56,927	29,344	3,097	823	15,510	24,637	25,565	18,585
Run by current generated by establishment,	30,515	18,550	3,097	823	852,971	402,492	91,012	32,828
Run by rented power,	26,412	-10,794	- ²	- ²	382,032	292,496	63,939	19,419
					200,239	109,906	27,073	13,409

¹ Includes the hand trades and neighborhood industries, omitted in 1904, 1909, and 1914.² Not reported.

LAUNDRIES.

[109]

TABLE VII. — *Summary of Statistics for Steam Laundries: 1909 and 1914.*

CITIES AND TOWNS.	Census Year	Number of Establishments	PERSONS ENGAGED IN THE INDUSTRY				Primary Horse-power	Capital	Salaries	Wages	Cost of Materials	Amount Received for Work Done
			Total	Proprietors and Firm Members	Salaried Em- ployees	Wage Earners (Average Number)						
THE STATE.	1914	391	8,961	404	686	7,771	11,383	\$4,065,708	\$713,460	\$3,721,409	\$1,391,900	\$3,661,830
	1909	280	6,655	313	384	5,968	6,802	2,951,025	336,326	2,532,593	903,945	6,754,572
	Per cent of increase, . .	39.6	33.1	29.1	78.6	30.4	67.3	89.1	112.1	44.1	54.0	50.5
Attleborough,	1914	4	48	5	3	40	93	\$28,361	\$1,544	\$18,904	\$5,041	\$36,904
	1914	4	80	3	11	66	60	27,943	10,660	30,175	10,033	81,840
	1909	3	51	4	3	44	80	16,995	3,140	12,014	6,023	34,950
Boston,	1914	55	2,353	42	189	2,127	2,709	1,108,103	243,501	941,278	363,223	2,297,350
	1909	53	1,860	56	104	1,700	1,626	705,104	104,746	700,077	260,187	1,577,643
	1914	6	165	10	15	140	195	120,999	14,268	81,475	18,825	160,609
1909	3	129	5	8	116	93	51,687	5,148	57,864	18,441	115,368	
Cambridge,	1914	9	542	6	88	448	535	367,717	90,811	224,900	64,962	563,133
	1909	7	532	6	45	461	567	349,011	40,879	216,961	67,235	494,843
	1914	4	67	3	2	62	115	31,200	1,664	29,408	12,032	64,440
Chelsea,	1914	3	30	4	-	26	65	16,916	-	10,745	5,843	28,175

EVERETT,	1914	3	87	2	9	76	72	31,783	12,122	27,603	15,009	83,342
FALL RIVER,	1914	13	278	16	12	250	531	283,308	10,251	137,099	62,111	302,077
	1909	10	219	13	16	190	413	198,243	9,743	97,682	36,476	216,838
FITCHBURG,	1914	5	93	7	3	83	111	37,198	1,024	36,539	12,531	68,252
	1909	4	68	6	-	63	88	17,211	-	26,197	6,390	52,006
HAVENHILL,	1914	16	205	25	9	171	315	66,060	7,155	82,007	22,192	180,600
	1909	6	97	8	2	87	55	23,320	1,068	40,940	10,469	66,084
HOLYOKE,	1914	5	82	11	3	68	125	88,030	2,300	36,312	16,242	96,481
	1909	4	86	6	2	78	93	72,610	1,716	39,860	19,605	83,800
LAWRENCE,	1914	11	144	13	8	126	203	64,900	6,620	58,504	22,535	132,377
	1909	9	81	12	1	68	139	40,220	364	26,024	10,679	66,405
LEOMINSTER,	1914	3	40	3	2	35	43	13,335	334	14,895	3,573	32,500
LOWELL,	1914	9	233	10	6	217	328	66,965	4,766	94,742	33,310	196,247
	1909	9	207	11	8	198	145	54,814	3,512	80,577	30,974	170,065
LYNN,	1914	16	399	16	35	348	443	257,228	26,782	151,526	44,967	333,038
	1909	10	297	11	16	270	229	107,874	12,312	118,929	45,172	276,314
MALDEN,	1914	4	139	3	14	122	170	42,549	13,174	54,600	26,399	119,937
	1909	3	91	2	7	82	80	14,000	4,992	42,349	5,274	64,986
MELROSE,	1914	3	22	5	-	17	34	9,860	-	9,187	4,374	26,996

TABLE VII. — *Summary of Statistics for Steam Laundries: 1909 and 1914 — Concluded.*

CITIES AND TOWNS.	Census Year	Number of Es- tablish- ments	PERSONS ENGAGED IN THE INDUSTRY				Primary Horse- power	Capital	Salaries	Wages	Cost of Materials	Amount Received for Work Done
			Total	Proprie- tors and Firm Members	Salaried Em- ployees	Wage Earners (Average Number)						
Methuen,	1914	3	56	1	4	51	56	\$14,643	\$2,832	\$22,834	\$4,167	\$36,651
Natick,	1914	3	28	4	-	24	32	19,050	-	11,363	3,690	27,400
NEW BEDFORD,	1914	13	257	14	14	229	559	142,976	11,819	126,809	47,846	294,490
	1909	10	193	12	1	180	266	76,374	2,115	85,740	27,399	175,172
NEWBURYPORT,	1914	5	47	5	4	23	91	17,240	2,662	17,390	8,265	41,980
	1909	3	28	3	-	25	27	10,761	-	10,021	2,313	25,353
NORTH ADAMS,	1914	4	75	5	5	65	105	41,103	4,836	29,240	11,240	62,366
NORTHAMPTON,	1914	4	57	4	-	53	172	16,018	-	23,390	7,320	50,724
	1909	3	42	3	-	39	25	15,657	-	15,281	6,320	31,551
PITTSFIELD,	1914	3	57	2	4	51	53	37,016	3,895	27,041	8,787	52,764
QUINT,	1914	7	85	5	11	69	214	51,730	11,120	34,068	14,985	86,516
	1909	4	52	4	8	40	87	36,328	6,948	20,666	11,850	54,393
SALEM,	1914	5	166	4	10	152	148	62,298	12,245	82,714	22,535	176,825
	1909	3	100	2	9	149	95	31,726	9,652	60,614	16,598	152,212

SOMERVILLE,	1914	5	75	5	4	66	123	19,916	7,253	40,894	19,908	96,781
	1909	5	68	2	7	59	121	22,415	6,706	26,977	8,822	64,076
SPRINGFIELD,	1914	13	414	9	47	358	313	278,335	48,043	182,159	57,399	431,202
	1909	12	287	11	24	253	263	163,068	25,500	97,496	36,303	284,732
TAUNTON,	1914	5	108	8	5	95	109	55,325	3,701	47,319	27,962	102,066
	1909	5	108	10	6	92	143	42,775	3,068	34,508	12,338	73,216
WALTHAM,	1914	3	116	1	15	100	102	27,501	12,935	51,796	12,475	116,399
	1909	3	90	3	12	75	102	34,422	6,687	31,546	10,416	73,708
Watertown,	1914	4	263	2	9	273	127	87,991	7,890	147,265	44,829	270,696
WORCESTER,	1914	11	403	8	37	353	444	254,079	36,373	194,063	84,786	414,376
	1909	13	337	10	20	357	373	174,265	21,478	144,116	59,656	316,215
Other cities and towns,	1914	130	1,622	143	108	1,371	2,408	996,943	99,383	632,548	267,359	1,563,736
	1909	96	1,522	113	88	1,324	1,723	681,048	66,553	588,174	190,804	1,364,083

Classified Weekly Wages (Rates). General Laundries — 1914.

SEX AND AGE.		Aggre- gates.	Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$25	\$25 but over	
The State,		6,939	-	1	76	448	1,213	1,091	943	817	539	302	371	144	181	237	223	122	122	66	71
Per cent,		100.0	-	-1	1.1	6.7	17.5	14.4	13.5	11.7	7.6	4.9	5.3	2.1	2.6	3.3	3.3	1.9	1.9	1.0	1.0
Males (18 years and over),		1,970	-	-	1	7	35	57	67	111	147	93	237	103	157	256	213	128	65	70	70
Per cent,		100.0	-	-	-1	0.4	1.8	2.9	3.4	5.6	7.5	4.7	19.0	5.2	8.0	18.0	10.8	11.3	6.5	3.3	3.6
Females (18 years and over),		4,760	-	1	57	381	1,086	914	868	703	381	109	134	41	24	30	20	5	4	1	1
Per cent,		100.0	-	-1	1.2	8.0	23.8	19.8	18.3	14.8	8.0	3.3	3.8	0.9	0.5	0.6	0.4	0.1	0.1	-1	-1
Young persons (under 18 years of age),		239	-	-	18	80	97	30	8	3	2	-	-	-	-	1	-	-	-	-	-
Per cent,		100.0	-	-	7.5	33.5	40.6	12.6	3.3	1.3	0.8	-	-	-	-	0.4	-	-	-	-	-

Classified Weekly Wages (Rates). Wet Wash Laundries — 1914.

The State,	870	-	9	25	36	67	59	65	74	86	51	116	37	35	71	48	47	23	14	11
Per cent,	100.0	-	1.0	2.9	4.1	7.7	6.7	7.5	8.5	9.9	5.9	13.3	4.3	4.0	8.2	5.5	5.4	3.2	1.6	1.3
Males (18 years and over),	689	-	1	3	11	25	21	44	65	65	50	114	37	35	71	47	47	28	14	11
Per cent,	100.0	-	0.8	0.4	1.6	3.6	3.0	6.4	9.4	9.4	7.3	16.6	5.4	5.1	10.3	6.8	6.8	4.1	2.0	1.6
Females (18 years and over),	166	-	8	18	24	38	25	21	9	19	1	2	-	-	-	1	-	-	-	-
Per cent,	100.0	-	4.8	10.8	14.5	22.9	15.1	19.7	5.4	11.4	0.6	1.2	-	-	-	0.6	-	-	-	-
Young persons (under 18 years of age),	15	-	-	4	1	4	4	-	-	2	-	-	-	-	-	-	-	-	-	-
Per cent,	100.0	-	-	26.7	6.6	26.7	26.7	-	-	13.3	-	-	-	-	-	-	-	-	-	-

¹ Less than one-tenth of one per cent.

PUBLICATIONS

OF THE BUREAU OF STATISTICS

I. REPORT ON THE STATISTICS OF LABOR.

(Public Document No. 15.)

The first Annual Report on the Statistics of Labor was published in 1870, the first Labor Bulletin in 1897, and Special Reports have been issued from time to time as occasion required. Beginning with the year 1913 all of these several publications of the Labor Division of the Bureau have been styled "Labor Bulletins", and a certain number of copies have been set aside for binding and publication at the end of the year under the title of the "Annual Report on the Statistics of Labor." The Labor Bulletins are numbered consecutively as issued, and each number contains matter devoted to one subject, concerning labor or the condition of the wage-earning population or questions of economic or social interest.

A list of the Bulletins issued since January 1, 1915, will be found below, any of which will be mailed to applicants upon request. Persons or organizations desiring to receive the Labor Bulletins as issued will be entered on our mailing list upon making application, and exchanges with publications having reference to industrial and social matters will be gladly made.

(A list of the Reports and Bulletins issued prior to January 1, 1915, will be furnished on application.)

- No. 104, February 1, 1915. Handbook of Labor Laws, 1914.
- No. 105, March 1, 1915. Sixth Annual Report on Labor Organizations, 1913.
- No. 106, April 1, 1915. Fourteenth Annual Directory of Labor Organizations, 1915.
- No. 107, May 1, 1915. Union Scale of Wages and Hours of Labor in Massachusetts, 1914.
- No. 108, June 1, 1915. Immigrant Aliens Destined for and Emigrant Aliens Departed from Massachusetts, 1914.
- No. 109, July 1, 1915. Wages and Hours of Labor in the Manufacture of Paper Products in Massachusetts.
- No. 110, August 1, 1915. Labor Legislation in Massachusetts, 1915.
- No. 111, September 1, 1915. Labor Bibliography, 1914.
- No. 112, November 1, 1915. Seventh Annual Report on Labor Organizations, 1914.
- No. 113, March 1, 1916. Fifteenth Annual Directory of Labor Organizations, 1916.
- No. 114, April 1, 1916. Union Scale of Wages and Hours of Labor in Massachusetts, 1915.
- No. 115, May 1, 1916. Wages and Hours of Labor in Steam and Electric Railway Service in Massachusetts.
- No. 116, September 1, 1916. Labor Legislation in Massachusetts, 1916.

II. REPORT ON UNEMPLOYMENT OF ORGANIZED WAGE-EARNERS.

The first Quarterly Report on Unemployment of Organized Wage-Earners was published in May, 1908. A few reports for the following quarters are still available for distribution, and will be sent to any address upon application.

- 1913 — June 30; September 30; December 31.
- 1914 — March 31; June 30; September 30; December 31.
- 1915 — March 31; June 30; September 30; December 31.
- 1916 — March 31; June 30.

Annual summaries were published in the Annual Reports on Labor Organizations of which the following are still available for distribution: 1912, 1913, 1914. Persons or organizations desiring to receive copies of these reports will be placed upon the mailing list upon making application.

III. REPORT ON THE STATISTICS OF MANUFACTURES.

(Public Document No. 36.)

The First Annual Report on the Statistics of Manufactures was published in 1886. Each report issued prior to 1907 contained comparisons for identical establishments, between two or more years, as to Capital Devoted to Production, Stock and Materials Used, Goods Made, Persons Employed, Wages Paid, and Time in Operation. Beginning with 1907 the comparisons for identical establishments were omitted, and all returns made to the Bureau were included in the tabulations. The Thirtieth Annual Report covering the year 1915 is now being compiled.

IV. REPORT ON THE STATISTICS OF MUNICIPAL FINANCES.

(Public Document No. 79.)

The first report on the Statistics of Municipal Finances was issued in September, 1908, and covered municipal fiscal years ending between November 30, 1906, and April 1, 1907. The reports for this and for later years contain tabular presentations showing the Cost of Municipal Government in Massachusetts; Summarized Statement of All Receipts and Payments, together with Analysis Tables and Definitions of Terms intended to promote uniformity in accounting and presentation of municipal reports. The first and second reports are now out of print. The ninth annual report covers municipal fiscal years ending between November 30, 1914, and March 31, 1915. Any of the reports now in print will be sent upon application.

V. THE MUNICIPAL BULLETIN.

These Bulletins contain matter relating to municipal affairs, especially finances, and are intended to promote a sound and efficient administration of city and town government in Massachusetts. That indicated by an asterisk (*) is now out of print; those which remain in print will be mailed upon application.

No. 1. January, 1910. A Uniform Classification of Municipal Receipts and Payments Prescribed for the Cities and Towns of Massachusetts as a Basis for a Standard System of Accounts and Reports.

***No. 2. July, 1910.** Recent Legislation relative to Town Finances and Municipal Accounts. (Superseded by Bulletin No. 7.)

No. 3. January, 1911. The Issue and Certification of Town Notes Under the Provisions of Chapter 616 of the Acts of 1910.

No. 4. March, 1911. Outstanding Indebtedness of Certain Cities and Towns of Massachusetts Against which no Sinking Funds are being Accumulated or for the Extinguishment of which no Annual Payments of Principal are being made.

No. 5. July, 1913. Laws relating to Municipal Finances, including the Municipal Indebtedness Act of 1913, the Acts requiring the Certification of Town and District Notes, providing for the Auditing of Accounts, and the Installation of Accounting Systems by the Bureau of Statistics, making of Annual Returns of Financial Transactions, etc. (Superseded by Bulletin No. 7.)

No. 6. July, 1914. Laws relating to Municipal Finances with amendments of 1914. (Superseded by Bulletin No. 7.)

No. 7. July, 1915. Laws relating to Municipal Finances with amendments of 1914 and 1915. (Supersedes Bulletins Nos. 2, 5 and 6.)

VI. REPORT ON THE STATE FREE EMPLOYMENT OFFICES.

(Public Document No. 80.)

Free employment offices are maintained under the jurisdiction of this Bureau in Boston, Springfield, Fall River, and Worcester. The first Annual Report on the State Free Employment Offices was published in 1907. The annual reports contain statistical tables and descriptive matter relative to the work of the offices, and, with the exception of the 1st and 4th (out of print), will be sent upon application. The Ninth Annual Report was issued in January, 1916, and covered the year ending November 30, 1915.

VII. SPECIAL REPORTS.

Special reports, except those indicated by an asterisk (*), which are now out of print, will be mailed upon application.

***January 4, 1911.** A Special Report on the Cost of Retirement Systems for State and County Employees in Massachusetts.

***January 6, 1911.** The Population of Massachusetts as Determined by the Thirteenth Census of the United States, 1910.

April 15, 1912. Report of a Special Investigation relative to the Indebtedness of the Cities and Towns of the Commonwealth.

March 5, 1913. Report of a Special Investigation relative to the Sinking Funds and Serial Loans of the Cities and Towns of the Commonwealth.

August 1, 1913. A Directory of Massachusetts Manufactures, 1913.

August 1, 1914. Report on Power Laundries in Massachusetts, 1913.

VIII. THE DECENNIAL CENSUS.

The Decennial Census of the Commonwealth for 1905 was published complete in four volumes, now out of print. The Decennial Census for 1915 was taken as of the date April 1, 1915, and the returns are now being tabulated.

The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director



THIRTIETH ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

1915



BOSTON
WRIGHT & POTTER PRINTING COMPANY
STATE PRINTERS
1917

ORGANIZATION AND FUNCTIONS OF THE MASSACHUSETTS BUREAU OF STATISTICS

Rooms 250-254 State House, Boston

The Bureau is organized into five permanent divisions: 1. The *Administration Division*, charged with duties supervisory in relation to the several divisions; 2. The *Labor Division*, engaged in the collection and tabulation of statistical and other information relating to matters affecting labor and the condition of the working people, as well as questions of general economic and social interest; 3. The *Manufactures Division*, which collects and tabulates Statistics of Manufactures; 4. The *Municipal Division*, which collects and tabulates Statistics of Municipal Finances, audits municipal accounts and installs accounting systems in cities and towns, and supervises the issuance of town notes; 5. The *Public Employment Offices Division*, embracing the administration of the State Public Employment Offices, of which there are four, located respectively at 8 Kneeland Street, Boston; 47 Water Street, Springfield; 182 Bank Street, Fall River; and 48-52 Green Street, Worcester. During the period of taking and compiling the Census a sixth division, the *Census Division*, is organized.

The functions of the Bureau and the duties of the Director are summarized in Section 1 of Chapter 371 of the Acts of 1909, entitled "An Act to Provide for a Bureau of Statistics," as follows:

SECTION 1. There shall be a Bureau of Statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the Commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices . . . ; and to take the Decennial Census of the Commonwealth required by the Constitution and present the results thereof in such manner as the General Court may determine.

The Commonwealth of Massachusetts

THIRTIETH ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

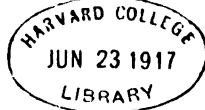
1915

BY THE

DIRECTOR OF THE BUREAU OF STATISTICS



BOSTON
WRIGHT & POTTER PRINTING COMPANY
STATE PRINTERS
1917



Ex. Bureau

The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

EXTRACTS FROM CHAPTER 371 OF THE ACTS OF 1909 ENTITLED "AN ACT TO PROVIDE FOR A BUREAU OF STATISTICS."

SECTION 1. There shall be a bureau of statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the decennial census of the commonwealth required by the constitution and present the results thereof in such manner as the general court may determine.

SECTION 4. The director of the said bureau is authorized to prepare a schedule or blank form for the collection of such data as may be, in his judgment, desirable for the proper presentation of statistics of manufactures and the promotion of the industrial welfare of the commonwealth, and the said schedule, unless modified by the director, shall embody inquiries as to, —

- (1) Name of person, partnership or corporation.
- (2) Kind of goods manufactured or business done.
- (3) Number of partners or stockholders.
- (4) Capital invested.
- (5) Principal stock or raw material used, and total value thereof.
- (6) Gross quantity and value of articles manufactured.
- (7) Average number of persons employed, distinguishing as to sex, adults, and children.
- (8) Smallest number of persons employed, and in what month.
- (9) Largest number of persons employed, and in what month.
- (10) Total wages, not including salaries of managers, paid during the year, distinguishing as to sex, adults, and children.
- (11) Proportion that the business of the year bore to the greatest capacity for production of the establishment.
- (12) Number of weeks in operation during the year, part time being reduced to full time.

The said schedule shall be sent by mail annually, on or before the fifteenth day of December, to the owner, operator, or manager of every manufacturing establishment in the commonwealth, and such owner, operator, or manager, or any other person to whom the schedule or blank form is sent shall answer the inquiries thereon and return the same to the bureau properly certified as to its accuracy, not later than the following twentieth day of January: *provided, however*, that the director may, in his discretion, extend the time for returning the schedule beyond said twentieth day of January.

CONTENTS.

	PAGE
INTRODUCTION,	
The report for 1915 covers returns from 9,707 establishments,	v
Comparisons for All Industries, 1907-1915, inclusive,	v
Comparisons for eight leading industries,	v-xv
Boots and shoes, exclusive of out stock and findings,	viii
Cotton goods, including cotton small wares,	ix
Electrical machinery, apparatus, and supplies,	x
Foundry and machine-shop products,	xi
Leather, tanned, curried, and finished,	xii
Paper and wood pulp,	xiii
Slaughtering and meat packing, including sausage,	xiv
Woolen and worsted goods, including felt goods,	xv
Exports,	xvi-xxvi
The cities,	xxvi-xxviii
Comparisons for the 35 cities, 1914, 1915,	xxviii
Metropolitan Boston,	xxviii-xxx
The principal industries,	xxix, xxx
The towns,	xxx
Character of ownership, and value added by manufacture,	xxx, xxxi
Employment, by months,	xxxi-xxxiv
Number of wage-earners employed on December 18, 1915,	xxxv
Classified weekly wages,	xxxv-xlii
Days in operation,	xliii
Laundries,	xliii, xliv
Conclusion,	xliv
 TABULAR PRESENTATIONS,	 1-130
Table I:	
A. Capital invested, materials used, wages paid, wage-earners, and product for the State: By industries,	2-11
B. The 35 cities: By industries,	12-29
C. Metropolitan Boston: By industries,	30-35
D. Metropolitan Boston: By cities and towns,	36, 37
E. The 119 towns having three or more manufacturing establishments,	38-45
Table II. Character of ownership for 19 selected industries and for All Industries,	46-49
Table III. Average number of wage-earners employed each month: By industries,	50-75
Table IV. Number of wage-earners employed on December 18, 1915,	76-79
Table V. Classified weekly wages: By industries,	80-119
Table VI. Days in operation,	120-123
A. The State: By industries,	120-122
B. The State: By cities and towns,	122, 123
Table VII. Laundries,	127-130

STATISTICS OF MANUFACTURES—1915.

INTRODUCTION.

The report for 1915, thirtieth in the series on the Statistics of Manufactures, has been compiled from the returns filed by 9,707 establishments, and includes a new feature, namely, data relating to exports covering 1,649 establishments. In the manufacturing world, the year 1915, so far as Massachusetts is concerned, was exceptionally quiet. Although the total product value reported for the twelve months of that year amounted to \$1,692,445,366, exceeding the aggregate for 1914 by over 51 millions of dollars, Massachusetts industries, in general, were still seriously affected by the period of depression which, overlapping from the previous year, showed no evidence of abatement over an eight-months interval into 1915. The month of September, 1915, had nearly passed before the current of reviving business began to make itself apparent. Stimulus came principally in the form of war orders for shoes, cloth for uniforms, for saddlery and military equipment, and, more than anything else, for special machinery to be used in further stages of production. This wholly external influence arrived so late in the year, however, that it tended only to restore the balance registered in normal years, as is seen from a comparison of the aggregates for 1913 and 1915, respectively, which are brought together with the other years since 1907 in the following table for All Industries:

YEARS.	Number of Establishments	Value of Product	Value of Stock and Materials Used	Wages Paid	Average Number of Wage-Earners
1907,	5,671	\$1,364,431,355	\$779,840,968	\$278,191,113	539,982
1908,	6,044	1,172,808,782	669,259,789	245,207,180	480,124
1909, ¹	11,684	1,490,529,386	830,764,943	301,173,464	584,559
1910,	7,989	1,465,749,310	863,381,866	304,852,691	578,551
1911,	8,132	1,467,961,302	863,050,379	311,148,356	584,023
1912,	8,271	1,596,734,445	929,304,382	335,553,704	608,590
1913,	8,405	1,658,728,363	961,778,476	351,299,706	616,927
1914, ¹	12,013	1,641,373,947	931,383,792	341,309,517	606,098
1915,	9,707 ²	1,692,445,366	959,662,457	346,243,473	596,848

¹ Census year; not strictly comparable with corresponding figures for 1907, 1908, 1910, 1911, 1912, 1913, and 1915.

² The smaller number of returns in 1915 as compared with the Census year 1914 is due principally to the elimination of the following classes of establishments: Those employing no wage-earners; country saw and gristmills; and publishing establishments which do no printing.

General conditions were so unsettled that equilibrium in our *principal* industries was maintained only through great effort,

manufacturers having to use their utmost exertions in order to keep their factories going. The product for *Boots and shoes* for 1915, \$204,042,623, represented a gain of only about two per cent as compared with the total for 1914. The average of employment, while running higher in particular localities and establishments devoted to the manufacture of army shoes, was, for the industry as a whole, generally lower than during the preceding year, the average number of wage earners for 1915 being 74,548 as against 76,944 in 1914.

In *Cotton goods*, including Cotton small wares the particular feature of the year was the decreased cost of stock used, raw cotton being obtainable at record low price on account of the lessened demand for this material for export to foreign countries, leaving a surplus supply in the domestic market. Accompanying this decrease in cost of materials, however, will be noted the increase in the amount paid for labor, so that while the average number of wage earners in the industry remained practically stationary, 113,559, and 113,223 in 1914 and 1915, respectively, the total pay roll for the year 1915 exceeded that of 1914 by \$1,689,667, or 3.3 per cent. The value of output in 1915 was \$197,594,533 as against \$197,322,111 in 1914.

Conditions in *Electrical machinery, apparatus, and supplies* in 1915 were not widely different from those of 1914, a gain in number of wage earners of 1.3 per cent, an increase of 8.8 per cent in the amount paid in wages, and a slight decline in value of product from \$43,869,294 to \$43,335,337 appearing.

Foundry and machine-shop products, on the other hand, exhibits a complete reversal of conditions as compared with 1914. For nearly a decade this industry has been practically stationary in Massachusetts, but the product value which in 1914 registered \$85,638,612, rose to \$103,960,727 in 1915, an increase of over \$18,000,000 or 21.4 per cent. This, the record year in its history, witnesses the advance of the industry to a new level, namely a product value in excess of \$100,000,000, which distinction has hitherto been held only by Boots and shoes and the textile industries, — Cotton goods, including Cotton small wares; and Woolen and worsted goods. There was an increase of 4,279 or 10.3 per cent in the average number of wage earners, while wages were augmented by \$4,770,445, or 17 per cent.

In *Leather, tanned, curried, and finished* the average number of wage earners was practically identical with 1914; the total paid in wages advanced 1.1 per cent, and the value of goods exhibited slight increase, from \$45,265,434 in 1914 to \$45,383,398 in 1915. It should be stated, however, that the product in this industry in Massachusetts is in reality larger than these figures indicate, since the totals given for cost of materials and value of product do not include the value of hides and skins treated under contract, *i.e.*, tanned or finished for other parties who supplied the stock, — for the reason that, in such cases, the chief materials, hides and skins, are not owned by the firm directly engaged in doing the work. The value of these materials, if added, would result in increasing both stock and product by approximately \$10,000,000.

In *Paper and wood pulp* the value of goods produced was practically the same as in 1914, the totals being \$43,352,545 and \$44,060,579, respectively, the increase in 1915 amounting to 1.6 per cent. A decrease in cost of stock and materials is noted, and the average number of wage earners fell off from 13,401 to 13,147, a decline of 1.9 per cent.

Slaughtering and meat packing exhibits a decline of \$4,868,268, or 8.9 per cent in product value as compared with 1914, and a corresponding decline in cost of materials amounting to 5.8 per cent. A decline in average number of wage earners from 3,582 in 1914 to 3,473 is noted, accompanied by an increase in the total amount paid in wages of 2.4 per cent in 1915.

In *Woolen and worsted goods*, including Felt goods, the value of product reported, \$143,628,515, was the highest in the history of the industry. The gain, however, is more apparent than real, and is due mainly to the advance in price of raw wool — and its consequent reflection in the value of goods produced — accelerated by the cutting off of a large part of the supply of Australian wools and greater dependence on the wools of South America. The increase in the cost of materials for the year 1915 was \$7,003,006, or 8.4 per cent as compared with 1914. The total amount paid in wages, and the average number of wage earners in the industry show slight decline, namely, from \$27,363,082 to \$26,367,140 and from 54,255 to 53,268, respectively.

The totals for eight leading industries, brought up to date, appear in the following tables:

Boots and Shoes (exclusive of Cut Stock and Findings).*(a) Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$188,127,176	—	—
1908,	169,957,116	\$18,170,060 ¹	9.7 ¹
1909,	187,045,767	17,088,651	10.1
1910,	190,856,515	3,810,748	2.0
1911,	196,898,074	6,041,559	3.2
1912,	209,489,037	12,590,963	6.4
1913,	216,667,911	7,178,874	3.4
1914,	200,529,858	16,138,053 ¹	7.4 ¹
1915,	204,042,623	3,512,765	1.8
Increase for the eight-year period,	—	15,915,447	8.6

(b) Stock and Materials.

1907,	\$118,399,291	—	—
1908,	104,171,604	\$14,227,687 ¹	12.0 ¹
1909,	114,277,189	10,106,585	9.7
1910,	115,624,486	1,347,297	1.2
1911,	119,330,298	3,706,812	3.2
1912,	125,659,585	6,329,287	5.2
1913,	130,961,171	5,301,586	4.2
1914,	120,325,680	10,635,491 ¹	8.1 ¹
1915,	123,977,768	3,652,078	3.0
Increase for the eight-year period,	—	5,578,467	4.7

(c) Wages Paid.

1907,	\$42,025,242	—	—
1908,	38,959,428	\$3,065,814 ¹	7.3 ¹
1909,	41,970,498	3,011,070	7.7
1910,	45,171,454	3,200,956	7.6
1911,	47,259,721	2,088,267	4.6
1912,	49,596,284	2,336,563	4.9
1913,	50,770,185	1,173,901	2.4
1914,	46,743,858	4,026,327 ¹	7.9 ¹
1915,	45,325,273	1,418,585 ¹	3.0 ¹
Increase for the eight-year period,	—	3,300,031	7.9

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	72,671	—	—
1908,	69,250	3,421 ¹	4.7 ¹
1909,	74,710	5,460	7.9
1910,	77,000	2,290	3.1
1911,	79,542	2,542	3.2
1912,	81,962	2,420	3.0
1913,	81,228	734 ¹	0.9 ¹
1914,	76,944	4,284 ¹	5.6 ¹
1915,	74,548	2,396 ¹	3.1 ¹
Increase for the eight-year period,	—	1,877	2.6

¹ Decrease.

Cotton Goods (including Cotton Small Wares).

(a) *Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$190,148,422	-	-
1908.	156,048,633	\$34,099,889 ¹	17.9 ¹
1909.	186,462,313	30,413,780	19.5
1910.	192,777,722	6,315,409	3.4
1911.	183,121,236	9,656,487 ¹	5.0 ¹
1912.	189,010,822	5,899,588	3.2
1913.	211,985,230	22,974,397	12.3
1914.	197,322,111	14,663,109 ¹	6.9 ¹
1915.	197,594,533	272,423	0.1
Increase for the eight-year period,	-	7,446,111	3.9

(b) *Stock and Materials.*

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$105,499,029	-	-
1908.	92,951,308	\$12,547,721 ¹	11.9 ¹
1909.	105,156,794	12,205,486	13.1
1910.	121,880,780	16,723,986	15.9
1911.	119,879,589	2,001,191 ¹	1.6 ¹
1912.	115,079,451	4,800,138 ¹	4.0 ¹
1913.	128,604,514	13,525,063	11.8
1914.	119,834,334	8,770,180 ¹	6.8 ¹
1915.	110,090,790	9,743,544 ¹	8.1 ¹
Increase for the eight-year period,	-	4,591,761	4.4

(c) *Wages Paid.*

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$45,063,459	-	-
1908.	40,233,037	\$4,832,422 ¹	10.7 ¹
1909.	45,117,069	4,889,032	12.2
1910.	44,357,100	259,969 ¹	0.6 ¹
1911.	44,744,638	112,472 ¹	0.3 ¹
1912.	48,943,738	4,199,100	9.4
1913.	53,156,512	4,212,784	8.6
1914.	50,706,040	2,450,472 ¹	4.6 ¹
1915.	52,396,707	1,689,667	3.3
Increase for the eight-year period,	-	7,332,248	16.3

(d) *Wage-Earners.*

YEAR.	Number	Increase	Per Cent of Increase
1907.	101,862	-	-
1908.	91,645	10,217 ¹	10.0 ¹
1909.	108,914	17,269	18.8
1910.	108,804	110 ¹	0.1 ¹
1911.	109,683	879	0.8
1912.	112,394	2,701	2.5
1913.	115,837	3,453	3.1
1914.	113,559	2,278 ¹	2.0 ¹
1915.	113,223	336 ¹	0.3 ¹
Increase for the eight-year period,	-	11,361	11.2

¹ Decrease.

Electrical Machinery, Apparatus, and Supplies.

(a) *Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$26,692,284	—	—
1908.	18,965,968	\$8,636,316 ¹	32.3 ¹
1909.	28,142,889	10,076,921	55.8
1910.	32,086,393	3,903,504	12.8
1911.	36,419,395	4,333,002	12.7
1912.	47,964,436	11,545,041	31.7
1913.	54,433,091	6,468,755	12.5
1914.	43,869,394	10,564,897 ¹	19.4 ¹
1915.	43,335,337	533,957 ¹	1.2 ¹
Increase for the eight-year period,	—	16,643,068	62.4

(b) *Stock and Materials.*

1907.	\$11,830,975	—	—
1908.	8,509,255	\$3,261,720 ¹	27.6 ¹
1909.	12,784,830	4,165,565	48.6
1910.	16,353,531	3,617,711	28.4
1911.	14,903,563	1,449,969 ¹	8.9 ¹
1912.	22,314,895	7,411,332	49.7
1913.	25,133,463	2,818,568	12.6
1914.	17,696,907	7,436,556 ¹	29.6 ¹
1915.	18,668,861	971,954	5.5
Increase for the eight-year period,	—	6,837,886	57.8

(c) *Wages Paid.*

1907.	\$7,290,068	—	—
1908.	5,884,393	\$1,375,675 ¹	18.9 ¹
1909.	8,200,174	2,324,781	39.5
1910.	10,421,310	2,212,136	26.9
1911.	10,818,143	396,832	3.8
1912.	12,645,825	1,827,682	16.9
1913.	14,252,768	1,706,933	13.5
1914.	10,651,133	3,701,635 ¹	25.8 ¹
1915.	11,586,037	934,894	8.8
Increase for the eight-year period,	—	4,325,959	59.6

(d) *Wage-Earners.*

YEAR.	Number	Increase	Per Cent of Increase
1907.	12,453	—	—
1908.	10,538	2,915 ¹	21.7 ¹
1909.	14,507	3,969	37.7
1910.	17,363	2,856	19.7
1911.	17,879	516	3.0
1912.	20,317	2,438	12.6
1913.	22,437	2,120	10.4
1914.	17,125	5,312 ¹	23.7 ¹
1915.	17,342	217	1.3
Increase for the eight-year period,	—	3,889	25.9

¹ Decrease.

Foundry and Machine-Shop Products.¹**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907. ²	-	-	-
1908.	\$63,942,052	-	-
1909.	86,925,671	\$22,983,619	35.9
1910.	93,780,612	6,854,941	7.9
1911.	84,749,695	9,030,917*	9.6*
1912.	89,370,280	4,520,585	5.3
1913.	90,948,683	1,678,403	1.9
1914.	85,638,612	5,310,071*	5.8*
1915.	103,980,737	18,342,115	21.4
Increase for the seven-year period,	-	40,018,676	63.6

(b) Stock and Materials.

1907. ²	-	-	-
1908.	\$24,172,696	-	-
1909.	31,182,000	\$7,009,304	29.0
1910.	34,892,189	3,710,189	11.9
1911.	30,689,146	4,203,043*	13.0*
1912.	33,222,189	2,532,993	8.3
1913.	34,734,309	1,512,170	4.6
1914.	30,989,622	3,744,686*	10.8*
1915.	39,964,325	8,974,702	29.0
Increase for the seven-year period,	-	15,791,629	65.3

(c) Wages Paid.

1907. ²	-	-	-
1908.	\$31,092,732	-	-
1909.	27,023,000	\$5,939,268	28.2
1910.	31,652,766	4,620,766	17.1
1911.	29,195,356	2,457,410*	7.8*
1912.	30,192,836	997,470	3.4
1913.	31,607,108	1,414,262	4.7
1914.	28,117,771	3,489,337*	11.0*
1915.	32,889,216	4,770,445	17.0
Increase for the seven-year period,	-	11,796,484	55.9

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907. ²	-	-	-
1908.	35,035	-	-
1909.	44,179	9,144	26.1
1910.	49,063	4,884	11.1
1911.	45,004	4,059*	8.3*
1912.	45,543	539	1.2
1913.	45,814	271	0.6
1914.	41,361	4,453*	9.7*
1915.	45,640	4,279	10.3
Increase for the seven-year period,	-	10,605	30.3

¹ In accordance with the Census grouping, this industry includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

² Comparable figures are not available.

* Decrease.

Leather, Tanned, Curried, and Finished.

(a) *Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$46,903,784	—	—
1908.	41,613,182	\$5,290,602 ¹	11.3 ¹
1909.	40,002,079	1,611,108 ¹	3.9 ¹
1910.	41,544,435	1,542,246	3.9
1911.	41,701,686	157,261	0.4
1912.	51,987,780	10,286,094	24.7
1913.	46,674,470	5,312,310 ¹	10.2 ¹
1914.	45,265,434	1,409,036 ¹	3.0 ¹
1915.	45,383,398	117,964	0.3
Increase for the eight-year period,	—	1,530,286 ¹	3.2 ¹

(b) *Stock and Materials.*

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$24,264,543	—	—
1908.	29,850,511	\$4,514,332 ¹	12.1 ¹
1909.	28,765,506	1,085,003 ¹	3.6 ¹
1910.	30,346,759	1,581,251	5.5
1911.	30,160,956	185,808 ¹	0.6 ¹
1912.	37,353,498	7,192,537	23.8
1913.	34,744,413	2,609,080 ¹	7.0 ¹
1914.	33,194,061	1,550,352 ¹	4.5 ¹
1915.	30,120,290	3,073,771 ¹	9.3 ¹
Increase for the eight-year period,	—	4,244,553 ¹	12.4 ¹

(c) *Wages Paid.*

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$5,284,362	—	—
1908.	4,969,120	\$325,242 ¹	6.2 ¹
1909.	5,443,944	484,824	9.8
1910.	5,808,631	364,687	6.7
1911.	5,604,360	204,271 ¹	3.5 ¹
1912.	6,625,375	1,021,015	18.2
1913.	6,133,334	492,041 ¹	7.4 ¹
1914.	5,918,205	220,179 ¹	3.6 ¹
1915.	5,981,472	63,267	1.1
Increase for the eight-year period,	—	697,110	13.2

(d) *Wage-Earners.*

YEAR.	Number	Increase	Per Cent of Increase
1907.	10,156	—	—
1908.	9,227	929 ¹	9.1 ¹
1909.	10,282	1,025	11.1
1910.	10,691	409	4.8
1911.	9,903	788 ¹	7.4 ¹
1912.	11,372	1,469	14.8
1913.	10,321	1,051 ¹	9.2 ¹
1914.	10,164	167 ¹	1.5 ¹
1915.	10,185	21	0.2
Increase for the eight-year period,	—	29	0.3

¹ Decrease.

Paper and Wood Pulp.**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$42,707,680	-	-
1908,	32,087,321	\$10,620,359 ¹	24.9 ¹
1909,	40,096,712	8,009,392	25.0
1910,	45,020,325	2,923,612	7.3
1911,	44,951,287	1,980,912	4.5
1912,	47,228,040	2,276,812	5.1
1913,	45,402,896	1,174,837	2.5
1914,	45,352,545	5,050,341 ¹	10.4 ¹
1915,	44,000,579	708,034	1.6
Increase for the eight-year period,	-	1,352,899	3.2

(b) Stock and Materials.

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$23,927,908	-	-
1908,	18,098,119	\$5,834,789 ¹	24.4 ¹
1909,	22,849,618	4,256,494	23.5
1910,	25,869,799	3,520,156	15.8
1911,	27,258,974	1,389,205	5.4
1912,	29,000,736	1,741,762	6.4
1913,	29,981,380	980,644	3.2
1914,	26,610,748	3,320,632 ¹	11.1 ¹
1915,	25,758,604	852,144 ¹	3.2 ¹
Increase for the eight-year period,	-	1,880,696	7.7

(c) Wages Paid.

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$6,735,401	-	-
1908,	5,569,968	\$1,165,433 ¹	17.3 ¹
1909,	6,541,636	971,668	17.4
1910,	6,871,253	329,617	5.0
1911,	7,169,660	298,407	4.3
1912,	7,791,973	622,313	8.7
1913,	8,197,440	405,467	5.2
1914,	7,548,620	648,820 ¹	7.9 ¹
1915,	7,390,568	158,052 ¹	2.1 ¹
Increase for the eight-year period,	-	655,167	9.7

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	13,546	-	-
1908,	11,390	2,156 ¹	15.9 ¹
1909,	12,848	1,458	12.8
1910,	13,332	584	4.2
1911,	13,811	429	3.2
1912,	14,096	285	2.1
1913,	14,352	256	1.8
1914,	13,401	951 ¹	6.6 ¹
1915,	13,147	254 ¹	1.9 ¹
Increase for the eight-year period,	-	399 ¹	2.9 ¹

¹ Decrease.

Slaughtering and Meat Packing (including Sausage).**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$34,390,243	-	-
1908.	34,820,082	\$70,311 ¹	0.2 ¹
1909.	44,402,972	10,082,940	29.4
1910.	43,735,281	667,591 ¹	1.5 ¹
1911.	43,295,246	440,135 ¹	1.0 ¹
1912.	50,637,811	7,342,065	17.0
1913.	58,658,143	8,020,832	15.8
1914.	54,446,687	4,211,456 ¹	7.2 ¹
1915.	49,578,419	4,868,268 ¹	8.9 ¹
Increase for the eight-year period.	-	15,188,076	44.2

(b) Stock and Materials.

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$30,826,609	-	-
1908.	30,643,479	\$183,130 ¹	0.6 ¹
1909.	33,886,139	3,242,660	26.9
1910.	39,592,311	706,172	1.8
1911.	38,673,909	918,402 ¹	2.3 ¹
1912.	44,644,921	5,971,012	15.4
1913.	52,158,644	7,513,723	16.8
1914.	47,475,817	4,682,827 ¹	9.0 ¹
1915.	44,728,856	2,746,961 ¹	5.8 ¹
Increase for the eight-year period.	-	13,902,247	45.1

(c) Wages Paid.

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$1,440,263	-	-
1908.	1,472,946	332,683	2.3
1909.	1,837,166	364,220	24.7
1910.	1,668,177	168,989 ¹	9.2 ¹
1911.	1,782,442	114,265	6.8
1912.	1,942,125	159,683	9.0
1913.	2,102,410	160,285	8.3
1914.	2,141,451	39,041	1.9
1915.	2,193,506	52,055	2.4
Increase for the eight-year period.	-	753,243	52.3

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907.	2,676	-	-
1908.	2,707	31	1.2
1909.	3,325	618	22.8
1910.	2,941	384 ¹	11.5 ¹
1911.	3,172	231	7.9
1912.	3,432	260	8.2
1913.	3,577	145	4.2
1914.	3,582	5	0.1
1915.	3,473	109 ¹	3.0 ¹
Increase for the eight-year period.	-	797	29.3

¹ Decrease.

Woolen and Worsted Goods (including Felt Goods).**(a) Product.**

YEAR.	Value	Increase -	Per Cent of Increase
1907.	\$131,103,321	-	-
1908.	104,584,720	\$26,519,091 ¹	20.2 ¹
1909.	140,665,084	36,080,304	34.5
1910.	123,214,040	17,450,394 ¹	12.4 ¹
1911.	116,201,330	7,012,810 ¹	5.7 ¹
1912.	138,557,545	20,355,715	17.5
1913.	122,495,008	14,062,452 ¹	10.3 ¹
1914.	130,348,514	7,853,421	6.4
1915.	143,628,515	13,280,001	10.2
Increase for the eight-year period,	-	12,524,694	9.6

(b) Stock and Materials.

YEAR.	Value	Increase -	Per Cent of Increase
1907.	\$81,118,403	-	-
1908.	63,787,850	\$17,330,543 ¹	21.4 ¹
1909.	87,296,605	23,538,755	36.9
1910.	76,463,290	10,833,315 ¹	12.4 ¹
1911.	74,859,465	1,603,815 ¹	2.1 ¹
1912.	85,546,580	10,687,115	14.3
1913.	74,770,943	10,775,637 ¹	12.6 ¹
1914.	83,077,423	8,306,480	11.1
1915.	90,080,439	7,003,006	8.4
Increase for the eight-year period,	-	8,961,936	11.0

(c) Wages Paid.

YEAR.	Value	Increase -	Per Cent of Increase
1907.	\$22,892,835	-	-
1908.	19,069,657	\$3,823,178 ¹	16.7 ¹
1909.	24,258,843	5,189,186	27.2
1910.	22,374,149	1,984,694 ¹	8.2 ¹
1911.	22,718,615	444,466	2.0
1912.	26,699,717	3,981,102	17.5
1913.	24,331,894	2,317,823 ¹	8.7 ¹
1914.	27,363,063	2,981,168	12.2
1915.	26,367,140	995,942 ¹	3.6 ¹
Increase for the eight-year period,	-	3,474,305	15.2

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907.	50,098	-	-
1908.	42,540	7,558 ¹	15.1 ¹
1909.	53,195	10,655	25.0
1910.	49,273	3,922 ¹	7.4 ¹
1911.	49,276	3	— ²
1912.	54,453	5,177	10.5
1913.	50,519	3,934 ¹	7.2 ¹
1914.	54,255	3,736	7.4
1915.	53,268	987 ¹	1.8 ¹
Increase for the eight-year period,	-	3,175	6.3

¹ Decrease.² Less than one-tenth of one per cent.

EXPORTS.

In response to the demand for data concerning our export trade which has become a matter of public interest, the Annual Statistics supplemental schedule for 1914 contained a simple inquiry as to the value of goods exported in that year. In 1915, the inquiry was extended to include not only the value of the goods exported, but the countries of destination. Previous to 1914, Massachusetts manufacturers did not concern themselves to any great extent with foreign commerce. Goods were produced mainly to supply the domestic market and our manufactures had not been developed with a view to supplying a world-wide trade. There was, of course, a considerable demand for staple lines comprising Boots and shoes, Leather, Machinery, and Cotton goods, and a number of enterprising business men exerted themselves to develop a market for their goods abroad; but operations on a large scale were undertaken by but few establishments having extensive capital and special facilities for selling.

The outbreak of the world war, however, changed this somewhat provincial attitude of our American manufacturers, made European countries dependent in a large measure on the resources of this country, quickened the demand for American goods abroad, and animated Massachusetts manufacturers to take positive advantage of the opportunity.

The following table itemizes some interesting data for number of establishments and value of goods exported by Massachusetts manufacturers, in 1914 and 1915, for industries having a representation of three or more establishments which can be presented without disclosing the operations of individual concerns: —

INDUSTRIES.	NUMBER OF ESTABLISHMENTS		VALUE OF GOODS EXPORTED	
	1914	1915	1914	1915
All Industries.	1,195	1,649	\$39,670,307	\$111,720,716
Automobiles,	4	6	91,431	441,029
Boot and shoe cut stock and findings, . .	83	120	1,177,173	2,335,667
Boots and shoes,	116	195	5,788,823	27,272,966
Canning and preserving fish,	7	9	80,600	750,800
Chemicals,	5	10	37,103	506,082
Clothing, men's,	12	9	47,980	119,900
Combs and hairpins,	6	11	14,539	51,214
Confectionery,	7	14	39,774	139,041
Cotton goods,	22	42	2,706,583	5,635,230
Foundry and machine-shop products, . .	221	295	3,162,578	12,128,140
Furniture,	15	18	167,789	169,512
Hats, straw,	6	9	99,259	149,236
Hosiery and knit goods,	8	15	155,509	1,461,763
Jewelry,	35	53	121,438	378,892
Lasts,	14	15	96,642	33,483
Leather, tanned, curried, and finished, ¹ .	33	38	4,694,377	11,556,890
Lumber and timber products,	10	8	248,631	380,761
Musical instruments, pianos and organs, and materials,	11	16	54,583	108,221
Paper and wood pulp,	26	47	507,076	486,856
Paper goods, not elsewhere specified, . .	11	23	249,777	372,155
Patent medicines and compounds, . . .	13	24	330,838	458,065
Rubber goods, exclusive of rubber boots and shoes,	8	12	57,746	512,243
Silverware and plated ware,	3	8	182,120	205,969
Sporting and athletic goods,	6	9	85,778	113,912
Steam fittings and steam and hot-water heating apparatus,	11	16	274,872	706,547
Suspenders, garters, and elastic woven goods,	4	8	166,455	297,444
Toys and games,	6	8	16,061	67,247
Wire and wire goods,	10	15	82,241	801,153
Woolen and worsted goods,	9	45	512,996	7,353,610
Other industries,	474	551	18,348,514	36,770,940

¹ Including Leather belting.

It will be noted that, in 1914, 1,195 establishments in Massachusetts reported a share in the export trade, the total volume of business being \$39,670,307, — equivalent to 2.4 per cent of the total product of the State in that year, — \$1,641,373,047. In 1915, 1,649 Massachusetts establishments participated in

the work, their total contribution to foreign commerce being \$111,720,716, — equivalent to 6.6 per cent of the aggregate output of manufacturing establishments in that year, (\$1,692,445,366), — at the same time registering a gain over the 1914 export figures of \$72,050,409, or 181.6 per cent. During the same period the volume of foreign trade of the United States in all commodities, including the extractive industries, — with no segregation of totals for manufactures, — rose from \$2,071,057,744 to \$3,486,015,988, an increase of only 68.3 per cent. These figures bear testimony to the versatility of Massachusetts manufacturers in adjusting themselves to the needs of the moment, and in maintaining their relative share in the commercial expansion of the Nation.

Interesting comparisons are disclosed in this table of export data. *Boots and shoes* exhibits nearly a four-fold increase, exports rising from \$5,788,822 in 1914 to \$27,272,966 in 1915, a gain of 371.1 per cent. The breaking off of peaceful relations between the European countries so interrupted activity in manufacturing establishments, that orders for footwear had to be placed with plants which had the equipment and skilled help to turn them out within the required time. Of the total exports of Boots and shoes from the United States in 1915, recorded as \$38,585,562, — Massachusetts factories produced nearly three-fourths, — in value amounting to \$27,272,966; nor does this sum take into account an additional item of \$2,335,667 for Boot and shoe cut stock and findings which were also exported within that year as against \$1,177,172 in the year preceding.

Ranking second in the list of exports, we find *Foundry and machine-shop products*. The metal working machinery and machine tools manufactured in Massachusetts have achieved in other countries an enviable reputation for high-grade workmanship, precision of measurement, and accuracy of work turned out, but intensive selling effort has not been made in the foreign markets, principally because skill in demonstrating these products is required and the individual manufacturer cannot maintain efficient agents in foreign countries, except at practically prohibitive expense. When, however, the need of machine tools, of gauges, jigs, and fixtures became urgent, Massachusetts plants had the necessary equipment and the skilled tool makers to do the work, with

the result that exports rose from \$3,162,578 in 1914 to \$12,128,140 in 1915, a gain of 283.5 per cent. It should be stated that these figures are restricted to data of which the manufacturers themselves had record. Undoubtedly a larger amount of Massachusetts goods of this kind was exported through the medium of independent selling agents. In other words, the first sale was made in this country and the products were afterwards disposed of through export houses.

Exports of *Leather, including belting*, are third in order, the volume of business rising from \$4,684,377 in 1914 to \$11,556,869 in 1915, an increase of 146.7 per cent. Exports of Leather in the United States rose from \$44,975,996 in 1914 to \$80,847,736 in 1915, an increase of 79.8 per cent.

Woolen and worsted goods exhibits an increase from \$512,996 reported by nine establishments in 1914, to \$7,353,610 reported by 45 establishments in 1915. Under normal conditions the volume of woolen goods which is exported is negligible, so that the increase in this industry during 1915 is traceable to war orders of cloth for uniforms, the sales being handled largely through commission agents in New York, upon orders secured for the most part through banking houses.

Exports of *Cotton goods*, fifth in order of importance, rose from \$2,796,582 in 1914, to \$5,635,230 in 1915. For this industry, however, it is difficult to secure full data, because it is the custom of the mills to dispose of their product directly to commission houses, so that they frequently have no accurate knowledge of the ultimate disposition of their goods. The principal market for Cotton goods, unlike that of Boots and shoes and Leather, is outside of Massachusetts. Quotations for print cloths and cotton goods are given as of New York City, which is the principal selling market. In consequence of this long established practice regarding the method and place of sale, records of goods destined for export are not kept by the local manufacturers, nor do the commission merchants or the exporters always compile their accounts in sufficient detail to identify the sales of goods with the individual mills in Massachusetts.

Hosiery and knit goods shows a pronounced increase in exports from \$155,509, as reported by eight establishments in 1914, to \$1,461,763 from 15 establishments in 1915. This advance is

accounted for through the cutting off of the supply of goods in these lines which formerly came from Germany, and through the efforts of several Massachusetts manufacturers who have launched new export enterprises.

Large increases as compared with 1914 will be noted in respect to Canning and preserving fish; Rubber goods, exclusive of rubber boots and shoes; Wire and wire goods; and other industries for which the figures cannot be subdivided without disclosing the operations of individual establishments, such as military equipment, cartridges, explosives, etc.

In addition to the value of goods exported, data were received in 1915 in regard to the country of destination of exports in so far as they could be secured from the records of manufacturers. Of the 1,649 establishments reporting, the number sending goods to Canada, 1,040, surpassed the number exporting to any other country, but the volume of exports, \$8,367,703, approximated only eight per cent of the total, — \$111,720,716. With respect to Mexico, the value of goods exported in 1915, from 101 establishments, amounted to \$313,256, — less than one per cent of the total; while exports to South America aggregated \$3,869,190, or 3.5 per cent, 297 establishments reporting. Of the other grand divisions, *Europe* purchased goods to the amount of \$76,145,566, 68 per cent of the volume of exports, — England being credited with \$34,819,693, or 31.2 per cent; followed, in order, by Italy, \$11,935,897, 10.7 per cent; Russia, \$9,928,237, 8.9 per cent; France, \$8,560,981, 7.7 per cent; and Belgium, \$2,052,186, 1.8 per cent. Exports to *Asia* amounted to \$1,190,363, one per cent; to *Oceania*, \$2,553,078, 2.3 per cent, (including \$686,319 to the Philippine Islands), and *Africa*, \$1,048,387, or approximately one per cent of the grand total. Miscellaneous exports, in total \$11,820,893, forming 10.6 per cent of the aggregate, could not be distributed according to country of destination from the records of the manufacturers.

The following tables give the destination of goods, by countries, in 1915, for All Industries and for six selected industries in which exports have been developed to a measurable extent: —

ALL INDUSTRIES.

COUNTRIES.	Number of Establishments Reporting	Value of Exports	Per Cent of Total
Total.	1,609	\$111,729,714	100.0
Canada,	1,040	8,367,703	7.5
Mexico,	101	313,356	0.3
Central America,	107	955,928	0.9
South America,	297	3,869,190	3.5
West Indies,	-	5,160,609	4.6
Cuba,	343	3,923,583	3.5
Other West Indies,	268	1,236,927	1.1
Hawaii,	122	305,843	0.3
Europe,	-	76,145,596	68.1
England,	635	34,819,098	31.2
Italy,	125	11,935,897	10.7
Russia,	105	9,923,237 ¹	8.9
France,	179	8,500,961	7.7
Belgium,	16	2,062,186	1.8
Spain,	83	615,681	0.6
Norway and Sweden,	50	376,315	0.3
Germany,	35	293,864	0.3
Denmark,	23	270,893	0.2
Switzerland,	14	233,586	0.2
Holland,	23	220,483	0.2
Ireland,	5	34,314	-.1
Greece,	10	31,101	-.1
Scotland,	11	18,898	-.1
Austria-Hungary,	9	9,834	-.1
Europe, not specified,	148	6,733,108	6.0
Asia,	-	1,190,863	1.0
Japan,	73	368,467	0.3
India,	68	358,894	0.3
China,	59	237,699	0.2
Other Asia,	25	235,303	0.2
Oceania,	-	2,553,078	2.3
Australia,	101	407,334	0.4
Philippine Islands,	136	686,319	0.6
Oceania, not specified,	75	1,459,425	1.3
Africa,	102	1,048,287	0.9
Countries not specified,	123	11,830,898	10.6

¹ Less than one-tenth of one per cent.

BOOTS AND SHOES.

COUNTRIES.	Number of Establishments Reporting	Value of Exports	Per Cent of Total
Total.	196	\$27,272,966	100.0
Canada,	88	1,278,438	4.7
Mexico,	14	130,402	0.5
Central America,	17	111,359	0.4
South America,	42	849,842	3.1
West Indies,	—	\$,448,871	2.0
Cuba,	116	2,244,426	8.2
Other West Indies,	62	203,845	0.8
Hawaii,	23	82,373	0.3
Europe,	—	\$1,888,870	78.1
Italy,	25	10,315,637	37.8
Russia,	17	7,296,858	26.7
England,	50	1,300,946	4.8
Belgium,	4	1,135,633	4.2
France,	21	783,794	2.9
Denmark,	5	142,146	0.5
Norway and Sweden,	6	106,398	0.4
Switzerland,	3	15,620	0.1
Germany,	4	6,670	— ¹
Europe, not specified,	21	183,183	0.7
Oceania,	—	466,971	1.7
Australia,	15	48,326	0.2
Philippine Islands,	33	345,203	1.3
Oceania, not specified,	7	63,442	0.2
Asia,	—	38,794	0.1
India,	7	27,359	0.1
China,	9	11,435	— ¹
Africa,	23	260,931	1.0
Countries not specified,	15	321,625	1.1

¹ Less than one-tenth of one per cent.

BOOT AND SHOE CUT STOCK AND FINDINGS.

COUNTRIES.	Number of Establishments Reporting	Value of Exports	Per Cent of Total
Total.	120	\$2,225,067	100.0
Canada,	75	372,755	16.0
South America,	19	125,375	5.4
West Indies,	-	18,043	0.6
Cuba,	8	10,558	0.5
Other West Indies,	5	2,495	0.1
Europe,	-	1,698,176	71.4
England,	58	1,324,620	57.1
Holland,	4	132,607	5.7
France,	10	50,455	2.3
Switzerland,	3	45,224	1.9
Italy,	3	8,394	0.4
Spain,	3	4,675	0.2
Europe, not specified,	9	91,201	3.9
Oceania,	-	48,549	2.0
Australia,	13	35,444	1.5
Philippine Islands,	4	9,823	0.4
Oceania, not specified,	4	3,275	0.1
Africa,	3	2,308	0.1
Countries not specified,	17	105,463	4.5

COTTON GOODS.

Total.	42	\$5,626,220	100.0
Canada,	27	262,167	4.6
Central America,	3	122,874	2.2
South America,	9	96,638	1.7
West Indies,	-	516,485	9.2
Cuba,	8	288,210	5.1
Other West Indies,	8	228,275	4.1
Europe,	-	738,179	13.0
France,	5	398,218	7.0
England,	12	247,804	4.4
Europe, not specified,	5	92,057	1.6
Oceania,	-	397,545	7.1
Philippine Islands,	4	21,537	0.4
Oceania, not specified,	3	376,006	6.7
Countries not specified,	17	3,506,344	62.2

FOUNDRY AND MACHINE-SHOP PRODUCTS.

COUNTRIES.	Number of Establishments Reporting	Value of Exports	Per Cent of Total
Total.	206	\$12,120,160	100.0
Canada,	243	1,602,170	13.2
Mexico,	23	32,763	0.3
Central America,	15	20,027	0.1
South America,	58	361,742	3.0
West Indies,	-	806,774	1.7
Cuba,	39	152,978	1.3
Other West Indies,	23	52,796	0.4
Hawaii,	15	21,892	0.2
Europe,	-	8,929,539	73.6
England,	147	4,466,382	36.8
France,	60	2,146,962	17.7
Russia,	49	996,061	8.2
Italy,	40	425,678	3.5
Germany,	17	212,651	1.8
Spain,	25	150,512	1.3
Norway and Sweden,	10	31,208	0.3
Scotland,	3	27,355	0.2
Denmark,	6	12,836	0.1
Switzerland,	4	11,690	0.1
Belgium,	4	2,508	-1
Holland,	7	2,589	-1
Europe, not specified,	30	440,057	3.6
Oceania,	-	177,696	1.6
Australia,	24	88,350	0.7
Philippine Islands,	15	19,616	0.2
Oceania, not specified,	15	69,721	0.6
Asia,	-	181,869	1.5
Japan,	27	64,917	0.5
India,	14	42,819	0.4
China,	10	34,642	0.3
Asia, not specified,	3	7,890	0.1
Africa,	18	45,594	0.4
Countries not specified,	23	579,684	4.7

¹ Less than one-tenth of one per cent.

HOSIERY AND KNIT GOODS.

COUNTRIES.	Number of Establishments Reporting	Value of Exports	Per Cent of Total
Total.	15	\$1,481,763	100.0
Canada,	11	39,825	2.7
South America,	6	211,785	14.5
West Indies,	-	186,867	12.8
Cuba,	3	67,799	4.6
Other West Indies,	7	119,068	8.2
Hawaii,	3	24,331	1.7
England,	8	833,402	57.0
Philippine Islands,	3	1,447	0.1
Countries not specified,	20	164,116	11.2

LEATHER, TANNED, CURRIED, AND FINISHED.

Total.	38	\$11,586,969	100.0
Canada,	26	479,230	4.1
Mexico,	3	11,568	0.1
Central America,	4	48,968	0.4
South America,	9	717,006	6.2
West Indies,	-	166,487	1.4
Cuba,	12	148,949	1.3
Other West Indies,	5	17,538	0.1
Europe,	-	9,533,789	82.5
England,	30	6,810,581	58.9
France,	12	1,509,823	13.1
Italy,	7	124,796	1.1
Norway and Sweden,	6	117,492	1.0
Spain,	6	109,568	0.9
Greece,	3	23,413	0.2
Europe, not specified,	12	838,026	7.3
Oceania,	-	89,375	0.8
Australia,	3	79,027	0.7
Philippine Islands,	5	10,348	0.1
Asia,	-	14,739	0.1
China,	3	9,966	0.1
Japan,	4	1,359	-1
Other Asia,	3	3,394	-1
Africa,	6	44,009	0.4
Countries not specified,	11	451,688	4.0

¹ Less than one-tenth of one per cent.

It is hoped that the export data, which will remain a permanent feature of the annual schedule, will inspire our manufacturers to cultivate foreign markets and encourage them to compile their records in such a manner as to enable them to supply practical systematic information.

THE CITIES.

The year 1915 marks the advent of two newly incorporated cities, namely, *Attleboro* and *Revere*, thereby increasing the total number in the State to 35. Besides *Boston*, which forms a class by itself with product value in 1915 of \$271,969,462, there were eight cities in the State the output of whose manufacturing establishments in that year exceeded \$50,000,000. They are in order of importance as follows:

Worcester.
Lawrence.
Lynn.
New Bedford.

Fall River.
Lowell.
Cambridge.
Brockton.

These cities maintained the same relative industrial rank in 1915 as in 1914, except that *Lowell* advanced from eighth to seventh position, changing places with *Cambridge* which was seventh in 1914. Of these municipalities, the city of *Worcester* outstripped all others, recording a product value of approximately one hundred millions of dollars, (\$99,334,217). This, the record year in the history of manufactures in this city, had its source of increase in the output of the iron and steel industries, and the product of foundries and machine shops, for which there has been unprecedented demand during the past year. The percentage of gain over 1914 was practically one-fifth (19.9 per cent). *Lawrence*, third city in industrial importance, exhibits an advance over 1914 of more than \$6,000,000 in product value, the increase occurring principally in the Woolen and worsted goods industry. A similar increase appears for *Lowell*, \$6,469,016, or 11.5 per cent, due, however, to activity in foundries and machine shops and other industries. The other important textile cities, *New Bedford*, fifth in rank, advanced from \$65,575,005 to \$69,245,342, an increase of 5.6 per cent, and *Fall River*, which, although maintaining its relative posi-

tion, sixth in 1915, exhibited decline in product value amounting to \$1,998,533 or 3.1 per cent as compared with 1914, traceable to diminished output in Cotton goods, the totals for this industry being \$45,392,734 in 1915 as against \$49,516,027 in the previous year. *Lynn* and *Brockton*, centers of shoe interest, and fourth and ninth cities, respectively, in industrial importance, exhibited opposite tendencies. In the case of *Lynn*, a loss in total product value for the city of one-half of one per cent appears, and a considerably higher rate of decline in Boots and shoes, which industry suffered a loss in product value of \$2,976,735, or 9.9 per cent as compared with 1914. *Brockton*, on the contrary, shows a gain of nearly eight per cent both in the total value of product for the city, and in the output of Boots and shoes, — specially equipped factories for large-scale production in men's shoes, and the filling of important war orders creating a situation entirely different from that of *Lynn* whose factories specialize in making shoes for women. The value of the output of the boot and shoe factories in *Brockton* was \$37,829,870 in 1915 as against \$35,032,665 in 1914. *Haverhill*, third city in importance in the State in the shoe industry, held eleventh position industrially, and exhibits an increase over 1914 not only in Boots and shoes, which registered advance from \$25,319,953 to \$26,169,453, but also for the city as a whole, the total product value advancing from \$42,409,246 to \$43,920,078, or 3.6 per cent.

The manufacturing establishments of *Boston* in 1915 were not exceptionally busy, the value of product reported from 2,427 establishments aggregating \$271,969,462 in 1915 as against a total of \$284,802,479 in 1914. Attention is called to the fact, however, that the lower product value shown in 1915, is due, not to actual decline in total volume of business, but principally to the omission from the 1915 canvass of establishments engaged in the *publishing* branch of the *Printing and publishing industry*. Making due allowance for this omission, however, some \$13,000,000 in product value, the total returns for the city would have only slightly exceeded the aggregates for 1914.

Of the 35 cities in the State in 1915, there were 25 which exhibited increase in product value as compared with the preceding year, the highest percentage of increase, 57.8 per cent,

appearing for the city of *Woburn*. *Quincy* exhibits a gain of 33 per cent, and *Worcester*, already referred to, a gain of 19.9 per cent. There were 10 cities which showed decline in product value in 1915 among which were *Salem*, 16.2 per cent, *Pittsfield*, 13.2 per cent, and *Holyoke*, 9.8 per cent. The aggregate product for all cities for 1915 was \$1,266,668,911, as against \$1,231,792,796¹ in 1914, an advance of 2.8 per cent.

The following table gives the data for 1915 with percentages of increase or decrease as compared with the preceding year.

[Arranged in order of Product Value in 1915.]

CITIES.	1914	1915	Per Cent of Increase
Totals,	\$1,231,792,796¹	\$1,266,668,911	2.8
Boston,	284,802,479	271,969,462	2 4.5
Worcester,	82,829,356	99,324,217	19.9
Lawrence,	73,177,803	79,408,521	8.5
Lynn,	69,783,418	69,465,451	0 0.5
New Bedford,	65,575,005	69,245,242	5.6
Fall River,	64,663,146	62,954,613	3 1.1
Lowell,	56,048,641	62,517,657	11.5
Cambridge,	57,483,949	58,423,407	1.6
Brookton,	51,259,131	55,223,575	7.7
Somerville,	43,971,291	44,946,442	2.2
Haverhill,	42,409,246	43,920,078	3.6
Springfield,	44,428,854	43,415,083	2 2.3
Holyoke,	44,041,155	39,709,303	9 9.8
Chicopee,	28,869,182	30,384,416	5.2
Pittsburg,	23,963,352	25,066,676	4.6
Pittsfield,	22,241,237	19,302,735	13 13.2
Taunton,	15,885,812	17,967,406	13.0
Chelsea,	16,971,028	17,380,756	2.4
Quincy,	12,007,452	16,092,183	33.0
Attleboro, ²	13,946,884	13,969,686	0.2
Everett,	13,219,200	13,958,715	5.6
Marlborough,	9,983,632	12,393,321	24.1
North Adams,	10,922,575	12,282,066	12.4
Salem,	13,652,586	11,444,093	16 16.2
Waltham,	10,236,912	10,937,073	6.8
Malden,	8,366,344	9,827,344	17.5
Beverly,	8,774,187	9,634,169	9.8
Gloucester,	8,532,964	8,901,194	4.3
Northampton,	8,580,730	8,728,939	1.7
Woburn,	5,517,806	8,706,914	57.8
Newburyport,	8,245,998	8,069,959	2 1.9
Newton,	5,822,853	5,646,300	3 3.0
Melrose,	2,499,029	3,023,393	21.0
Medford,	2,618,893	2,186,365	16 16.5
Revere, ³	349,696	495,857	41.8

¹ Includes figures for Attleboro and Revere which were towns in 1914. .

² Decrease.

³ Incorporated as a city January 1, 1915.

METROPOLITAN BOSTON.

Of the total number of wage earners employed in manufacturing industries in 1915, viz.: 596,348, the 39 cities and towns comprising *Metropolitan Boston* contributed approximately 28 per cent, in actual number 166,017; while of the

industrial output of the State, namely, \$1,692,445,366, production within this district was \$583,796,410, or somewhat more than one-third. Of the latter total, establishments in the city of *Boston* produced \$271,969,462, or 46 per cent of the Metropolitan output and employed 74,415 wage-earners, or nearly 45 per cent of the labor force employed in manufacturing industries in the area. As previously explained, the product value recorded for Boston in 1915 is approximately \$13,000,000 lower than the actual census figures would be, the deficit being due principally to the omission of establishments in the *publishing* industry which cannot be completely canvassed in the non-censal years. This particular line of business is largely centered in Boston, the other cities and towns in the Metropolitan area participating only to a limited extent.

Lynn, second city in importance in the Metropolitan District, had a product value only one-fourth as large as Boston, the aggregate in 1915 being \$69,465,451, with a labor force of 22,790 wage-earners. Next in order follow Cambridge, \$58,423,407, with an average of 16,827 wage-earners, and Somerville, \$44,946,442, with an average of 5,424 wage-earners. There were only five other municipalities whose product value in 1915 exceeded \$10,000,000, namely, *Chelsea*, *Quincy*, *Watertown*, *Everett*, and *Waltham*.

Increased product values are shown for the cities of *Woburn*, \$8,706,914 and \$5,517,806, in 1915 and 1914, respectively, a gain of approximately 58 per cent; *Watertown* advancing from \$14,764,326 to \$16,017,975, or 8.5 per cent, — exclusive of the operations of the Watertown Arsenal; and *Quincy*, increasing from \$12,097,452 to \$16,092,183, or 33 per cent. The other cities and towns in the district, including the city of *Revere*, which has not yet assumed industrial importance, show no considerable variation from the aggregates of 1914.

The principal *industries* in Metropolitan Boston include *Boots and shoes*, both leather and rubber, with product values of \$58,043,636 and \$21,435,860, respectively; *Slaughtering and meat packing*, \$38,187,279; *Foundry and machine-shop products*, \$32,225,711¹; *Electrical machinery, apparatus, and supplies*, \$28,664,153; *Clothing, men's and women's*, \$24,546,667; and

¹ Includes foundry and machine-shop products; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

Confectionery, \$19,550,850. The data in detail will be found on pages 30 to 35, the following table bringing together the aggregates for each year since 1909.

METROPOLITAN BOSTON.

YEARS.	Number of Establishments	Value of Product	Value of Stock and Materials used	Wages Paid	Average Number of Wage-Earners
1909, ¹	5,025	\$510,583,337	\$284,354,062	\$93,125,349	165,891
1910,	3,238	488,497,178	292,069,565	92,458,160	160,797
1911,	3,375	502,527,771	294,046,863	95,871,777	163,488
1912,	3,507	545,310,724	320,468,150	102,820,146	171,272
1913,	3,584	560,390,104	326,070,384	107,031,822	172,594
1914, ¹	5,153	584,115,582	323,455,579	107,139,932	172,375
1915,	4,139	583,796,410	331,394,109	106,341,506	166,017

¹ Census year; not strictly comparable with corresponding figures for 1910, 1911, 1912, 1913 and 1915.

THE TOWNS.

In Table I E, pages 38 to 45, data are given for 119 towns of the State. Of these, there were seven whose contribution to the output of the State in 1915 exceeded ten millions of dollars, — they are in order, Peabody, \$20,684,662; Watertown, \$16,017,975; Easthampton, \$12,906,142; Plymouth, \$12,694,973; Norwood, \$10,547,642; Framingham, \$10,542,051; and Leominster, \$10,205,698. The aggregate value of product for all the towns of the State, \$425,776,455, formed 25.2 per cent of the State total and exhibits an increase over the corresponding total for 1914 of \$1,899,624, or less than one per cent.

CHARACTER OF OWNERSHIP AND VALUE ADDED BY MANUFACTURE.

Table II, pages 46 to 49, which presents data for 19 selected industries by character of ownership, emphasizes the tendency which obtains each year towards larger concentration of business under the corporate form of management. In 1915, only 6.7 per cent of the goods manufactured in the State was produced in establishments conducted by individuals, although the *number* of such establishments, 4,339, formed a relatively large proportion of the total reporting, (44.7 per cent). The percentage of goods manufactured by corporations was 83 per

cent and they employed 83.9 per cent of all wage-earners in manufacturing industries; other forms of management in 1915 produced 10.3 per cent of the goods made and employed 9.4 per cent of the wage-earners. The corresponding percentages for value of product in 1914 were, individual, 7.2 per cent, corporations, 82.2 per cent, and "other", 10.6 per cent. These proportions do not, of course, hold for the different industries, a considerable number of boot and shoe establishments — 137, or 30.9 per cent, of the total — being still operated by individuals, but they produced only 8.4 per cent of the shoes made in 1915, and employed only 9.2 per cent of the wage-earners; in Cotton goods and in Electrical machinery, apparatus, and supplies, practically the entire output was controlled by corporations.

The last column of the table shows the value added by manufacture, that is to say, the industry product remaining after the subtraction of the cost of stock and materials used. Measuring the relative importance of the industries by this remainder, we find that *Cotton goods, including Cotton small wares*, holds first place, with value added by manufacture of \$87,503,743, followed in order by *Boots and shoes*, with added value of \$80,064,865, *Foundry and machine-shop products*, \$63,996,402, *Woolen, worsted, and felt goods*, \$53,548,086, *Electrical machinery, apparatus, and supplies*, \$24,666,476, *Paper and wood pulp*, \$18,301,975, *Leather, tanned, curried, and finished*, \$15,263,108, and *Bread and other bakery products*, \$13,185,348. For All Industries, the value added by manufacture was \$732,782,909 or 43 per cent of the gross product of the State in 1915, \$1,692,445,366.

EMPLOYMENT BY MONTHS.

Table III, pages 50 to 75, presents the average number of wage-earners, month by month, for the year 1915, together with the average for the year as a whole. The average for the year 1915 (596,348) fell below the level of 1914 (606,698) by approximately two per cent, or 10,350 wage-earners. Referring to the report for 1914, page 52, it will be noted that employment registered its lowest level in December of that year, and the succeeding averages for 1915 indicate that the unemployment situation continued to intensify during January and February of that year. The month of March showed but little

improvement, the quarterly period April to July, found employment nearly stationary, exhibiting even a backward tendency, and it was not until August, 1915, that the monthly averages of employment began to be higher than at corresponding months in 1914. The months of November and December, 1915, however, exhibited extraordinary activity, the average for December, 645,391, exceeding that of any preceding monthly record in manufactures.

In *Boots and shoes* the highest number of wage-earners for the year, 82,937, appears in December, exceeding the average for the year, 74,548, by 8,389 wage-earners, or 11.3 per cent. Employment in this industry was subject to much fluctuation, the averages ranging between 68,355, the lowest point in May, and 82,937, the highest average in December, about one-fifth of the maximum being out of employment for an indeterminate period.

Cotton goods, including Cotton small wares, exhibited a fairly even range of employment. While the general level was not high, the variations were not particularly wide, so that employment in this industry might be considered normal. The average for the year was 113,223, — January recording the lowest employment, exhibiting an average of 109,433, and December, the month of greatest employment, 116,970, the deviation from the maximum in no other instance exceeding six per cent.

Wide departures from the average are shown for *Electrical machinery, apparatus, and supplies*. December, 1915, the month of highest employment in this industry, registered 19,561 wage-earners, although this total was considerably below former averages in the industry during periods of normal activity. The lowest average appeared in January, 1915, namely, 15,342 wage-earners, apparently more than one-fifth of the maximum being out of employment. Conditions did not materially improve until the final quarter of the year, when generally higher averages prevailed.

*Foundry and machine-shop products*¹ stands out in strong contrast to the other industries of the State in 1915. Beginning in the month of January with 39,381 wage-earners, a steady increase of employment, month by month appears,

¹ In accordance with the Census grouping, includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

mounting to 46,422 in July, 48,598 in September, 51,066 in November, and reaching the highest average of the year, 53,826 in December, registering an increase of 14,445 wage-earners over the preceding January. The month of December, 1915, thereby established a record for this industry in Massachusetts.

Leather, tanned, curried, and finished reached its maximum employment level in December, namely, 11,536, and the lowest average for the year, 9,212, in May, a deviation of 2,324 wage-earners, or 20 per cent from the maximum. Marked improvement beginning with the month of July is shown, continuing uninterruptedly for the balance of the year.

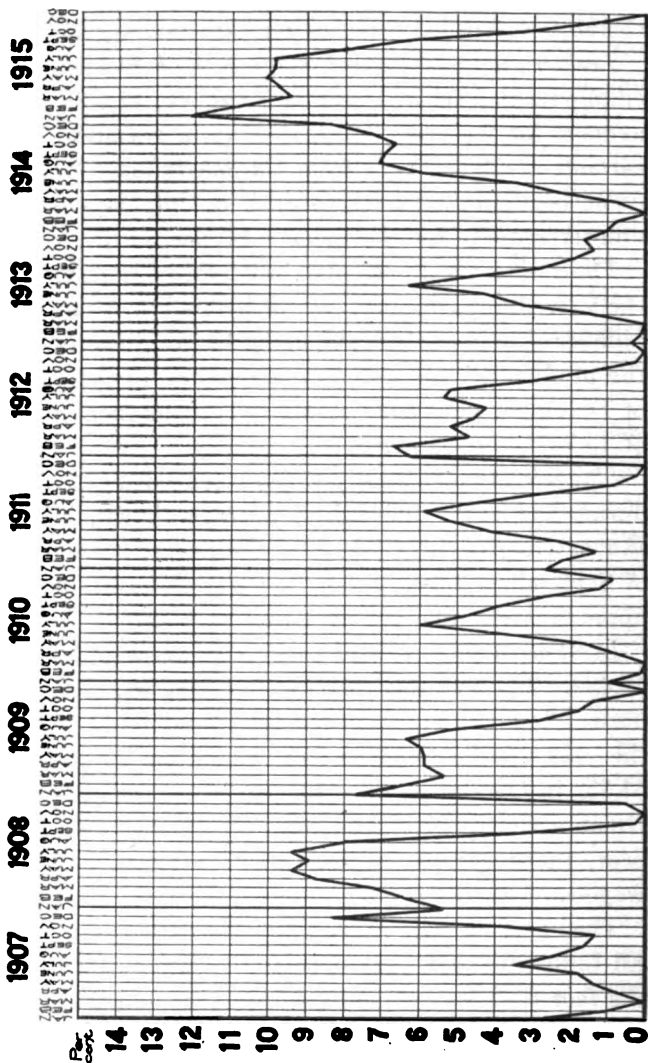
Paper and wood pulp exhibited fairly normal conditions for the year, the variations, month by month, being slight and the number of wage-earners averaging 13,147. Increased demand for the product of this industry began late in the year, the month of December exhibiting maximum employment with an average of 13,787 wage-earners.

Slaughtering and meat packing reported no particular activity during the year, the highest average shown, in the month of January, registering 3,388, and the lowest average in the month of September, 3,089, a range of less than 300 wage-earners, or approximately nine per cent for the year.

In *Woolen and worsted goods* the average for the year was 52,489. The monthly averages for the first quarter were fairly normal but the numbers fell off considerably in the middle of the year, the range being from 48,257 in the month of June to 54,553 in December, a fluctuation of approximately 12 per cent. Great activity for the months of October and November appear, the averages for these months being, 55,442 and 55,838 wage-earners, respectively.

The chart on page xxxiv shows the extent of unemployment in All Industries each year since 1907, examination of which reveals the fact that for the year 1915 the percentage of unemployment — as compared with maximum employment — exceeded even that of the depression period of 1908, the highest percentage of unemployment in 1915 being 12.1 per cent as against a little over 9 per cent in 1908, — for although the number of wage-earners employed at the maximum was higher than ever before, the minimum was also *relatively* lower than in any preceding year.

UNEMPLOYMENT IN MANUFACTURING INDUSTRIES DEVIATION FROM THE MAXIMUM EMPLOYMENT



WAGE-EARNERS EMPLOYED DECEMBER 18, 1915.

Table IV, pages 76 to 79, gives the number of wage-earners, differentiated as to sex and age, employed on a particular day, namely, December 18, 1915. As the month of December, 1915, was exceptionally busy, we find that the aggregate registered for the State on that day, 653,618, is the highest number of wage-earners ever yet reported in manufacturing industries. Corresponding data for 1914 are not available, but by comparison with 1913, it will be noted that the increase is principally in the number of *adult males*, 432,493 in 1915 as against 399,435 in the earlier year, and there was also a smaller proportion of wage-earners under 18 years of age employed, namely, 44,825 as against 52,814 young persons employed at the corresponding date in the year 1913.

The industries employing large representations of young persons are *Cotton goods*, of whom, out of a total of 116,878 wage-earners finding employment on December 18, 9.5 per cent, or 11,047, were young persons under 18 years of age. *Boots and shoes* exhibits an aggregate on December 18 of 83,671, of whom 5,300, or 6.3 per cent were young persons; *Woolen and worsted goods*, 56,418, of whom 5,176, or 9.2 per cent were young persons; *Electrical machinery, apparatus, and supplies*, 19,828, 1,811, or 9.1 per cent of whom were young persons; *Confectionery*, 8,032, of whom 1,198, or 14.9 per cent were young persons; *Hosiery and knit goods*, 10,924, of whom 1,255, or 11.5 per cent, were young persons; and *Silk and silk goods*, 4,150, of whom 482, or 11.6 per cent, were young persons under 18 years of age.

CLASSIFIED WEEKLY WAGES.

The table relating to classified weekly wages will be found on pages 80 to 119. The data refer, generally, to the week of greatest employment, and for the year 1915 include 703,203 wage-earners in 19 wage groups, ranging from those paid rates of less than \$3 per week to those paid rates \$25 per week and over. Reducing the numbers to percentages and condensing the wage classes into three groups, for the leading industries, we have the following:

ALL INDUSTRIES.				Foundry and Machine-Shop Products. ¹			
YEARS.	PERCENTAGES			YEARS.	PERCENTAGES		
	Wages under \$8 (Low)	\$8 to \$15 (Me- dium)	\$15 and over (High)		Wages under \$8 (Low)	\$8 to \$15 (Me- dium)	\$15 and over (High)
<i>Adult Males.</i>				<i>Adult Males.</i>			
1914, (411,115), . . .	7.5	55.2	37.3	1914, (40,098), . . .	3.8	52.6	43.6
1915, (468,665), . . .	6.4	54.7	38.9	1915, (58,866), . . .	2.4	52.6	45.0
<i>Adult Females.</i>				<i>Adult Females.</i>			
1914, (175,134), . . .	36.9	58.8	4.3	1914, (927), . . .	36.8	56.7	6.5
1915, (190,077), . . .	34.5	61.0	4.5	1915, (902), . . .	42.6	54.4	3.0
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1914, (43,937), . . .	81.1	18.6	0.3	1914, (1,213), . . .	77.3	22.1	0.6
1915, (47,471), . . .	79.3	20.4	0.3	1915, (1,888), . . .	75.1	24.8	0.1
Boots and Shoes.				Leather, Tanned, Curried, and Finished.			
<i>Adult Males.</i>				<i>Adult Males.</i>			
1914, (50,158), . . .	4.2	40.6	55.2	1914, (10,124), . . .	5.4	71.0	23.6
1915, (57,470), . . .	4.4	37.8	57.8	1915, (12,308), . . .	2.6	71.5	25.9
<i>Adult Females.</i>				<i>Adult Females.</i>			
1914, (25,044), . . .	17.9	69.1	13.0	1914, (166), . . .	62.1	34.9	3.0
1915, (28,311), . . .	15.8	68.9	15.3	1915, (171), . . .	52.6	45.6	1.8
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1914, (4,847), . . .	74.4	25.0	0.6	1914, (143), . . .	67.1	32.9	—
1915, (5,867), . . .	67.8	31.6	0.6	1915, (196), . . .	69.6	30.9	0.5
Cotton Goods, including Cotton Small Wares.				Paper and Wood Pulp.			
<i>Adult Males.</i>				<i>Adult Males.</i>			
1914, (53,150), . . .	22.9	64.5	12.6	1914, (10,026), . . .	0.7	74.3	25.0
1915, (60,077), . . .	20.1	67.7	12.2	1915, (9,969), . . .	0.8	73.8	25.4
<i>Adult Females.</i>				<i>Adult Females.</i>			
1914, (42,325), . . .	35.4	64.2	0.4	1914, (4,374), . . .	56.2	43.0	0.8
1915, (49,001), . . .	32.0	67.3	0.7	1915, (4,078), . . .	53.0	46.4	0.6
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1914, (10,062), . . .	82.1	17.9	—	1914, (287), . . .	57.9	35.1	7.0
1915, (11,281), . . .	80.0	19.9	0.1	1915, (196), . . .	60.7	39.3	—
Electrical Machinery, Apparatus, and Supplies.				Woolen and Worsted Goods.			
<i>Adult Males.</i>				<i>Adult Males.</i>			
1914, (12,929), . . .	3.4	51.6	45.0	1914, (30,442), . . .	14.2	67.0	18.8
1915, (15,872), . . .	3.1	43.4	53.5	1915, (32,774), . . .	10.9	68.3	20.8
<i>Adult Females.</i>				<i>Adult Females.</i>			
1914, (2,638), . . .	36.7	62.5	0.8	1914, (20,519), . . .	39.1	57.3	3.7
1915, (3,023), . . .	33.2	65.9	0.9	1915, (22,028), . . .	36.5	59.4	4.1
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1914, (1,793), . . .	47.0	50.6	2.4	1914, (6,399), . . .	84.2	15.8	—
1915, (1,896), . . .	52.2	44.8	3.0	1915, (6,231), . . .	82.8	17.0	0.2

¹ Includes the following industries: Foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

Taking All Industries as a whole, it is found that of the *adult males*, 6.4 per cent were paid rates less than \$8 per week, 54.7 per cent were paid rates \$8 to \$15, and 38.9 per cent were paid \$15 and over. The corresponding percentages for 1914 were 7.5 per cent, 55.2 per cent, and 37.3 per cent, respectively. A general tendency towards larger representation in the high wage group will be noted, with relatively fewer employees in the low and medium wage classes. Movement from the low into the medium wage group appears also in the case of *adult females* of whom 34.5 per cent were paid rates less than \$8 per week in 1915 as against a corresponding 36.9 per cent in the preceding year. Sixty-one per cent were paid rates ranging from \$8 to \$15, as against 58.8 per cent in 1914, and 4.5 per cent were enrolled in the classes ranging from \$15 up, as compared with 4.3 per cent in 1914. Of the *young persons*, many of whom are necessarily beginners, 79.3 per cent were paid less than \$8 per week, 20.4 per cent \$8 to \$15, and less than one per cent \$15 and over, as compared with 81.1 per cent, 18.6 per cent, and 0.3 per cent, respectively, in the corresponding classes in 1914.

The same tendencies characterizing All Industries are generally exhibited also for each of the principal industries. That is to say, there is a tendency to move from the low into the medium and the high wage groups, special advances being noted in *Foundry and machine-shop products*; and *Woolen and worsted goods*. The data in detail, the numbers being reduced to percentages for the principal industries, are given as follows:

All Industries.

SEX AND AGE.		Aggre- gates	Un- der 18	18 but under 20	20 but under 22	22 but under 24	24 but under 26	26 but under 28	28 but under 30	30 but under 32	32 but under 34	34 but under 36	36 but under 38	38 but under 40	40 but under 42	42 but under 44	44 but under 46	46 but under 48	48 but under 50	50 but under 52	52 but under 54	54 but under 56	56 but under 58	58 but under 60	60 but under 62	62 but under 64	64 but under 66	66 but under 68	68 but under 70	70 but under 72	72 but under 74	74 but under 76	76 but under 78	78 but under 80	80 but under 82	82 but under 84	84 but under 86	86 but under 88	88 but under 90	90 but under 92	92 but under 94	94 but under 96	96 but under 98	98 but under 100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
THE STATE,		703,203	141	1,760	7,858	21,501	43,567	58,551	68,198	74,299	66,723	46,494	55,903	38,597	29,559	39,394	42,825	43,725	24,882	18,227	21,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

Foundry and Machine-Shop Products.

SEX AND AGE.	Aggre- gates	Un- der \$5	\$3		\$4		\$5		\$6		\$7		\$8		\$9		\$10		\$11		\$12		\$13		\$14		\$15		\$16		\$18		\$20		\$25	
			but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under
Totals,	58,656	5	87	294	631	943	1,250	2,833	4,957	5,196	4,367	5,709	4,267	2,985	4,838	5,969	6,769	3,487	2,219	1,870																
Per cent,			0.1	0.5	1.1	1.6	2.1	4.8	8.6	8.9	7.4	9.7	7.3	5.1	8.3	10.3	11.5	5.9	3.8																	
Males (18 years and over),	55,866		13	50	165	416	742	2,390	4,742	5,067	4,289	5,633	4,247	2,969	4,822	5,963	6,765	3,455	2,219	1,860																
Per cent,			—	0.1	0.3	0.7	1.3	4.3	8.6	9.1	7.7	10.1	7.6	5.3	8.6	10.7	12.1	6.3	4.0	3.4																
Females (18 years and over),	902		2	24	82	90	186	168	110	92	53	39	14	10	14	6	4	2		1																
Per cent,			0.2	2.7	9.1	10.0	20.6	18.6	12.8	10.2	6.4	4.3	1.6	1.1	1.6	0.7	0.4	0.3		0.1																
Young persons (under 18 years of age),	1,888	5	52	220	384	437	322	275	105	37	20	17	6	6	2																					
Per cent,		0.8	2.7	11.7	20.3	23.1	17.1	14.6	5.6	2.0	1.1	0.9	0.3	0.3	0.1																					

Leather, Tanned, Curried, and Finished.

Totals,	12,677	-	3	9	23	146	339	874	1,916	2,581	1,178	1,331	653	417	1,128	691	605	400	174	200
Per cent,	100	-	3	0.1	0.3	1.1	2.7	6.9	16.1	20.4	9.3	10.5	5.1	3.3	8.9	5.4	4.8	3.1	1.4	1.6
Males (18 years and over),	12,308	-	1	1	3	65	252	825	1,964	2,533	1,163	1,324	649	414	1,125	691	605	400	173	200
Per cent,	100	-	3	3	2	0.5	2.1	6.7	16.1	20.7	9.5	10.8	5.3	3.4	9.1	5.6	4.9	3.3	1.4	1.6
Females (18 years and over),	171	-	-	7	39	44	32	23	10	9	3	1	1	-	3	-	-	-	-	-
Per cent,	100	-	-	4.1	22.8	25.7	18.7	13.4	5.8	5.3	1.8	0.6	-	1.8	-	-	-	-	-	-
Young persons (under 18 years of age),	198	-	2	8	23	42	43	17	29	18	6	4	2	3	-	-	-	-	1	-
Per cent,	100	-	1.0	4.1	11.6	21.2	21.7	8.6	14.7	9.1	3.0	2.0	1.0	1.5	-	-	-	-	0.5	-

Paper and Wood Pulp.

	-	-	19	72	973	1,292	1,063	2,216	2,257	1,259	1,498	681	429	544	573	788	297	193	161
Totals,	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Per cent,	-	-	0.1	0.5	6.8	9.1	7.4	16.6	15.9	8.9	10.0	4.8	3.0	3.8	4.0	5.5	2.1	1.4	1.1
Males (18 years and over),	.	.	-	1	19	55	105	1,479	2,103	1,199	1,389	660	419	527	564	788	297	193	161
Per cent,	-	-	-	2	0.8	0.6	1.1	14.9	21.1	12.0	13.9	6.6	4.3	5.3	5.7	7.9	3.0	1.9	1.6
Females (18 years and over),	.	.	10	60	911	1,181	904	713	150	59	34	20	10	17	9	-	-	-	-
Per cent,	-	-	0.8	1.5	22.3	29.0	22.5	17.5	3.7	1.5	0.8	0.5	0.8	0.4	0.2	-	-	-	-
Young persons (under 18 years of age),	-	-	9	11	43	56	44	24	4	1	3	1	-	-	-	-	-	-	-
Per cent,	-	-	4.6	5.6	21.9	23.6	23.5	13.3	2.0	0.5	1.5	0.5	-	-	-	-	-	-	-

Slaughtering and Meat Packing, including Sausage.

	1	1	21	29	30	186	1,234	515	513	255	220	175	187	84	40	91
Totals,	-	1	1	29	24	30	186	1,234	515	513	255	220	175	84	40	91
<i>Per cent,</i>	-	3	0.6	0.8	0.6	0.8	4.8	31.9	13.3	6.6	6.7	5.7	4.5	3.3	1.0	3.4
Males (18 years and over),	-	-	-	4	8	21	168	1,230	514	255	220	175	187	84	40	91
<i>Per cent,</i>	-	-	-	0.1	0.3	0.6	4.5	32.6	13.6	6.8	6.9	5.8	5.0	3.3	1.1	3.4
Females (18 years and over),	-	-	7	6	2	3	-	-	-	-	-	-	-	-	-	-
<i>Per cent,</i>	-	-	28.9	33.3	11.1	16.7	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	1	14	19	14	6	18	4	1	-	-	-	-	-	-	-
<i>Per cent,</i>	-	1.3	17.9	24.4	17.9	7.7	23.1	5.1	1.3	-	-	-	-	-	-	-

* Includes foundry and machine-shop products; gas machines and gas and water motors; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

2 Less than one-tenth of one per cent.

Woolen and Worsted Goods.

Sex and Age.	Aggre- gates	Un- der 18	\$3		\$4		\$5		\$6		\$7		\$8		\$9		\$10		\$11		\$12		\$13		\$14		\$15		\$16		\$18		\$20		\$22		\$25	
			but under	\$4	but under	\$5	but under	\$6	but under	\$7	but under	\$8	but under	\$9	but under	\$10	but under	\$11	but under	\$12	but under	\$13	but under	\$14	but under	\$15	but under	\$16	but under	\$18	but under	\$20	but under	\$22	but under	\$25	but and over	
Totals,	61,033	7	87	396	1,468	6,430	8,364	9,914	7,304	5,128	4,281	4,395	2,976	2,640	2,472	2,230	1,864	559	302	328																		
Per cent,		1-	0.1	0.7	2.4	10.5	13.7	16.3	11.8	8.4	7.0	7.5	4.9	4.3	4.1	3.7	3.1	0.9	0.5	0.5																		
Males (18 years and over),	32,774	-	2	18	98	918	2,503	5,530	4,194	2,883	2,687	2,954	2,137	1,998	2,039	1,907	1,750	538	291	325																		
Per cent,		-	1-	0.1	0.3	2.8	7.7	16.9	13.8	8.8	8.2	9.0	6.5	6.1	6.5	5.8	5.3	1.6	0.9	1.0																		
Females (18 years and over),	22,028	-	5	52	405	3,330	4,260	3,831	2,716	2,141	1,583	1,414	817	625	426	319	112	31	11	1																		
Per cent,		-	1-	0.3	1.9	15.1	19.3	17.4	13.3	9.7	7.1	6.4	8.7	3.8	1.9	1.5	0.5	0.1	0.1	1-																		
Young persons (under 18 years of age),	6,231	7	80	336	965	2,172	1,609	553	294	104	43	27	22	17	7	4	2	-	-	-																		
Per cent,		0.1	1.3	5.3	15.5	34.9	26.8	8.9	4.7	1.7	0.7	0.4	0.3	0.3	0.1	0.1	1-	-	-	-																		

: Less than one-tenth of one per cent.

DAYS IN OPERATION.

The average number of days in operation is given in Table VI, pages 120 to 123. For All Industries the running time in 1915 was 286.6 days, the possible number of working days, exclusive of 52 Sundays and eight holidays being 305. Of the principal industries, *Foundry and machine-shop products* exhibits the highest running time, 293.6. In *Boots and shoes*, the average was lower than for the State as a whole, amounting to 278.7. The number of days in operation in *Cotton goods* was 282.8; in *Electrical machinery, apparatus, and supplies*, 287.9; *Leather, tanned, curried, and finished*, 284.4; *Paper and wood pulp*, 255.7; *Woolen and worsted goods*, 281.8.

Of the nine principal manufacturing cities in the State, establishments in *Boston* were operated 292.6 days; *Worcester*, 290.7; *Lawrence*, 295.7; *Lynn*, 291.4; *New Bedford*, 293.7; *Fall River*, 295.6; *Lowell*, 295; *Cambridge*, 295.2; and *Brockton*, 293.5.

LAUNDRIES.

The statistics for laundries will be found in Table VII, pages 127 to 130. The data include all laundries operated by power, whether steam or electric, the number reporting in 1915 being 376, with an aggregate value of work done for the year of \$8,675,570, only slightly in advance of the amount for 1914, when the volume was \$8,661,830. Of this total, the work done by general laundries in 1915 amounted to \$7,445,705 and by laundries whose work was exclusively wet wash, \$1,229,865. The average number of wage earners for the year exhibits a slight decline — 7,757 in 1915 and 7,771 in 1914 — while the amount paid in wages, on the contrary, shows advance from \$3,721,409 to \$3,978,761. It will be noted that the decline in the number of wage earners is accompanied by an increase in capital invested, the tendency, as in all new industries, being towards the invention of labor saving devices in machinery and plant equipment, the increase in investment being from \$2,951,025 in 1909 to \$5,037,974 in 1915, or 70.7 per cent. The development of the industry since 1909 is remarkable, the volume of business increasing in the six years from \$5,754,572 to \$8,675,570, an advance of approximately 51 per cent.

The aggregates for 1909, 1913, 1914, and 1915 appear as follows:—

LAUNDRIES.	1913	1914	1915	1909
Number of establishments,	376	391	377	290
Capital invested,	\$5,037,974	\$4,695,798	\$4,542,313	\$2,951,025
Stock used,	\$1,413,801	\$1,391,900	\$1,359,655	\$903,845
Average number of wage-earners, . .	7,757	7,771	8,160	5,968
Wages paid,	\$3,978,761	\$3,721,409	\$3,894,570	\$2,582,593
Value of work done,	\$8,675,570	\$8,661,530	\$8,731,336	\$5,754,572

CONCLUSION.

We are accustomed to accept progress as a normal condition in industry and to assume as a matter of course, that “each to-morrow find us farther than to-day” — and we are, therefore, hardly prepared to find, on summing up results, that in the extraordinary conditions which have confronted us during the last two years, the regular increment of progress in some of our manufacturing industries is conspicuously absent. Moreover, in 1915, the resourcefulness of every manufacturer was called into the account in order to maintain his relative ranking, and were it not for the external stimulus of war orders, and the unusual demand for our goods abroad, industry in Massachusetts would have been practically stationary, except for the new record registered for Foundry and machine-shop products, — directly traceable to the same source. The opportunity thus afforded, however, for insight into this, the only field which has hitherto escaped close attention, namely, the export market, certainly ought, now that the initial steps have been taken, to result in a development of commerce which will make goods of Massachusetts manufacture known and appreciated in every market of the world.

CHARLES F. GETTEMY,

Director, Bureau of Statistics.

STATE HOUSE, BOSTON, March 31, 1917.

TABULAR PRESENTATIONS.
1915.

[1]

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915.
A. THE STATE: BY INDUSTRIES.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Both Sexes					
						Males	Females				
THE STATE.											
	9,797	\$1,550,000,996	\$909,932,487	\$346,243,472	\$530.61	413,017	183,331	596,348	489,173	707,324	\$1,932,445,366
Agricultural implements,	4	832,210	280,024	229,545	708.47	324	—	324	232	469	643,626
Artificial limbs,	6	25,121	11,344	17,237	662.96	24	2	26	23	28	40,131
Artificial stone products,	36	628,429	165,806	261,180	746.23	350	—	350	220	481	571,407
Automobiles, including bodies and parts, .	75	7,825,497	4,498,696	2,969,947	778.49	3,778	37	3,815	2,460	5,327	9,584,405
Awnings, tents, and sails,	53	463,748	521,764	224,301	633.62	236	118	354	237	544	1,010,910
Baskets, and rattan and willow ware, .	13	278,217	124,806	99,224	508.84	178	17	195	169	214	306,674
Belting, leather,	18	7,848,451	8,422,470	982,249	718.02	1,306	62	1,368	1,237	1,586	11,045,095
Belting and hose, woven,	6	1,172,515	665,496	111,708	572.86	124	71	195	158	242	1,060,686
Billiard tables and materials,	6	120,700	85,337	27,772	816.82	34	—	34	33	36	164,286
Blacking, stains, and dressings,	48	1,429,862	1,777,195	268,806	594.70	255	197	452	369	547	3,283,017
Bookbinding and blank-book making, .	83	3,862,497	1,445,740	1,671,075	532.46	1,553	1,316	2,869	2,623	3,221	4,394,284
Boot and shoe cut stock and findings, .	402	25,062,891	48,004,345	4,302,092	544.29	5,533	2,371	7,904	6,026	10,327	59,585,701
Boots and shoes,	444	95,701,987	123,977,758	45,325,273	606.00	43,876	26,672	74,548	55,999	93,308	204,042,623
Boots and shoes, rubber,	8	23,184,118	12,379,844	5,146,326	554.94	5,244	4,030	9,374	7,969	10,387	27,414,901
Boxes, cigar,	5	203,568	150,919	90,777	507.13	87	92	179	166	192	323,432
Boxes, fancy and paper,	94	4,383,523	3,371,165	1,854,983	462.36	1,464	2,648	4,012	3,499	4,639	7,096,803
Boxes, wooden packing,	96	6,806,826	5,047,710	1,832,514	568.05	2,979	247	3,226	2,792	3,737	8,315,232

Brass, bronzes, and copper products,	61	4,901,370	7,043,351	1,375,053	704.49	1,915	34	1,949	1,568	2,349	10,330,930
Bread and other bakery products,	1,088	12,370,844	17,778,464	4,484,404	677.10	5,602	931	6,328	6,489	7,397	30,043,753
Brick and tile,	44	2,532,522	386,054	588,029	531.06	994	18	1,013	487	1,724	1,346,733
Brooms,	20	208,763	222,991	58,613	518.70	106	7	113	97	136	372,025
Brushes,	29	3,391,649	1,887,417	661,533	549.90	630	573	1,268	1,050	1,411	3,378,549
Butter,	16	138,337	637,816	37,151	733.81	37	-	26	37	40	701,915
Buttons,	12	1,106,497	314,504	290,899	437.53	253	404	657	416	538	806,068
Canning and preserving,	58	4,911,758	6,072,969	950,675	535.86	1,336	391	1,717	1,318	2,218	8,411,784
Carpets and rugs, other than rug,	13	13,600,873	8,906,323	2,364,630	510.27	2,764	1,884	4,638	3,353	5,707	9,547,168
Carpets, rug,	21	61,438	30,041	55,700	501.80	99	12	111	81	125	154,859
Carriages and sleds, children's,	8	1,716,494	1,329,587	680,404	602.71	1,008	121	1,129	850	1,333	2,470,266
Carriages and wagons, and materials,	119	2,588,495	950,135	820,939	738.92	1,110	1	1,111	905	1,348	3,376,734
Cars and general shop construction and repairs by steam-railroad companies,	11	8,974,756	4,712,602	4,203,896	657.13	6,254	15	6,249	5,327	6,543	9,006,498
Chemicals,	26	9,766,942	4,253,208	1,143,245	654.26	1,438	108	1,746	1,201	2,449	8,354,993
Cleansing and polishing preparations,	17	281,894	283,303	42,366	651.78	51	14	65	54	80	507,296
Cloth, sponging and refinishing,	4	29,711	2,769	31,811	722.96	44	-	44	39	48	64,933
Clothing, men's,	196	8,168,874	8,699,944	2,948,155	872.61	2,466	2,600	5,154	4,167	6,145	16,509,266
Clothing, women's,	167	4,576,953	6,639,708	2,690,906	512.04	1,374	3,999	5,273	3,712	6,748	12,474,653
Coffee and spices, roasting and grinding,	20	3,940,201	6,327,550	235,714	639.18	272	175	447	431	468	8,714,532
Coffins, burial cases, and undertakers' goods,	12	1,000,830	330,891	225,559	656.15	317	42	359	241	381	1,037,902
Combs and hairpins,	31	1,947,499	1,996,082	1,085,508	512.45	1,512	607	2,120	1,599	2,661	3,793,558
Confectionery and ice cream,	230	11,971,865	14,610,840	3,315,933	431.17	2,351	8,183	7,444	6,878	9,416	24,077,491
Confectionery,	131	10,924,805	13,101,351	2,837,499	412.15	1,899	5,107	7,006	5,240	8,784	21,357,739
Ice cream,	99	1,047,060	1,508,999	336,433	728.65	453	16	448	338	631	2,699,802

Felt goods,	12	3,337,107	1,066,759	425,339	546.45	657	122	770	570	965	3,077,235
Firearms,	6	7,997,479	1,001,536	1,846,092	772.35	3,377	14	2,391	1,311	3,617	3,223,386
Flavoring extracts,	21	672,307	569,602	57,331	511.58	47	65	112	98	129	1,108,154
Flour-mill and gristmill products,	53	2,356,415	3,460,324	84,067	662.10	127	-	127	126	130	3,726,065
Food preparations,	39	1,405,786	1,851,514	255,339	809.40	323	96	419	318	614	3,747,547
Foundry and machine-shop products,	643	106,507,723	32,877,313	27,997,294	725.60	33,029	556	33,535	23,673	49,925	87,344,453
Fur goods,	13	339,541	323,814	131,657	907.98	71	74	145	73	224	676,621
Furnishing goods, men's,	12	598,490	816,645	163,325	431.60	76	314	390	294	481	1,304,580
Furniture,	119	18,947,471	5,096,744	3,597,019	587.56	5,544	577	6,123	5,189	7,124	12,037,238
Galvanizing,	3	30,417	25,800	8,753	795.73	11	-	11	8	15	42,108
Gas and electric fixtures,	14	240,247	173,652	96,367	706.99	135	2	137	118	169	408,773
Gas, illuminating and heating,	50	66,553,681	5,399,574	1,768,380	753.46	2,347	-	2,347	2,029	2,712	15,648,115
Glass, cutting, staining, and ornamenting,	31	213,377	92,555	133,245	731.46	183	7	189	163	248	337,468
Glue,	9	2,655,515	1,468,490	290,155	516.39	433	129	563	393	637	2,442,553
Gold and silver, leaf and foil,	10	117,074	100,372	57,649	538.78	53	54	107	98	125	199,142
Gold and silver, reducing and refining, not from the ore,	6	123,070	187,182	15,103	839.06	18	-	18	17	18	236,439
Grease and tallow,	22	2,310,218	1,855,405	420,992	636.77	608	5	613	579	674	2,797,947
Hand stamps and stencils and brands,	22	123,062	52,177	66,768	695.50	85	11	9	87	108	235,668
Hardware,	38	3,357,325	1,012,229	830,898	635.24	1,318	90	1,306	1,062	1,624	2,810,175
Hats and caps, other than felt, straw, and wool,	28	220,696	385,528	162,933	636.44	174	83	256	304	308	759,184
Hats, fur-felt,	6	1,213,278	756,560	450,363	511.58	536	420	954	863	1,065	1,425,783
Hats, straw,	21	2,680,273	2,645,342	1,359,467	573.53	836	1,463	2,268	861	4,136	4,818,768
Hosiery and knit goods,	59	10,067,377	9,272,037	4,501,715	456.29	3,396	6,473	9,866	8,391	11,045	17,315,247

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product
						Average Number		Smallest Number	Greatest Number	
						Males	Females			
						Both Sexes				
The State — Continued.										
House-furnishing goods, not elsewhere speci- fied,	23	\$1,073,249	\$771,051	\$314,916	\$521.36	388	216	604	457	\$1,374,399
Ice, manufactured,	7	361,735	81,395	38,992	847.45	46	—	46	34	187,255
Instruments, professional and scientific, . .	21	1,111,424	418,189	408,861	709.88	511	65	576	416	1,224,045
Iron and steel, steel works and rolling mills, Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,	11	12,900,397	10,901,399	2,110,498	763.53	2,685	87	2,773	2,060	13,364,023
Iron and steel forgings,	8	2,400,343	1,255,135	783,989	641.79	397	323	1,220	1,063	2,655,718
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	11	2,638,651	1,607,345	785,337	914.19	533	27	859	657	3,837,698
Jewelry,	27	2,780,571	1,840,175	796,461	580.41	1,019	236	1,335	1,197	3,477,720
Jewelry and instrument cases,	159	14,318,635	6,831,543	3,200,977	639.90	3,480	1,697	5,177	4,004	13,170,895
Jewelry and instrument cases,	10	504,373	182,843	144,506	435.38	110	230	349	287	531,483
Labels and tags,	6	63,972	44,289	17,640	678.46	16	10	26	24	143,666
Lamps and reflectors,	6	842,339	580,666	206,128	713.25	257	32	289	222	1,043,706
Laths,	32	2,009,169	536,173	632,391	799.73	799	11	810	644	1,890,853
Leather goods, not elsewhere specified, . .	37	549,647	533,970	174,399	456.06	191	192	333	256	944,068

	122	41,043,619	20,120,200	5,981,472	587.28	10,081	124	10,185	7,964	12,908	45,383,368
Leather, tanned, curried, and finished,	10	914,833	408,438	279,886	840.96	508	-	508	258	626	900,591
Lime,											
Linen goods,	7	3,884,326	2,087,886	900,220	421.50	651	778	1,454	810	1,754	3,764,104
Liquors, distilled,	7	1,909,989	1,337,694	91,320	833.63	107	-	107	87	135	3,373,449
Liquors, malt,	27	23,348,988	4,260,988	1,973,418	970.23	2,023	12	2,064	1,910	2,160	15,648,633
Lithographing,	14	2,119,559	1,033,029	832,486	700.16	880	309	1,189	1,116	1,358	2,894,178
Looking-glass and picture frames,	22	193,017	159,748	86,990	679.61	128	-	128	116	147	388,846
Lumber and timber products,	105	3,738,402	2,120,458	508,156	519.67	965	8	974	791	1,364	2,563,896
Lumber, planing-mill products,	190	6,618,710	4,932,832	2,338,882	778.59	3,000	4	2,094	2,437	3,669	9,027,112
Marble and stone work,	100	5,066,982	1,124,309	1,746,960	718.32	2,432	-	2,432	1,671	3,412	3,960,571
Mattresses and spring beds,	51	1,183,177	1,465,208	410,436	587.18	542	157	699	597	791	2,538,118
Millinery and lace goods,	58	1,901,868	2,322,336	696,754	454.80	244	1,288	1,332	1,285	2,127	4,222,177
Mineral and soda waters,	122	1,917,926	1,146,924	316,101	682.72	433	10	463	320	675	2,643,900
Mirrors,	8	144,271	236,967	81,972	677.45	121	-	121	108	142	446,586
Models and patterns, not including paper											
patterns,	57	265,670	98,714	262,053	826.67	316	1	317	237	406	632,879
Monuments and tombstones,	178	1,811,417	991,964	1,010,024	822.17	1,237	-	1,237	967	1,606	2,820,750
Mucilage and paste,	17	722,583	929,688	59,040	678.62	78	14	87	77	96	1,367,065
Musical instruments and materials, not											
specified,	16	368,549	145,963	161,524	643.56	194	57	281	172	311	418,999
Musical instruments, pianos and organs,											
and materials,	47	11,584,894	3,329,423	2,343,820	649.80	3,389	218	3,607	3,202	4,107	7,565,625
Oil, not elsewhere specified,	14	1,749,997	2,411,127	183,983	669.33	270	9	279	269	306	3,166,463
Paints and varnishes,	31	3,497,699	2,695,193	242,645	674.69	477	31	666	438	565	5,116,569
Paper and wood pulp,	86	51,158,794	25,758,604	7,280,568	543.15	9,273	3,874	12,147	11,691	14,475	44,090,579
		4 47									

¹ Includes one establishment having four branches.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
The State — Continued.											
Paper goods, not elsewhere specified, . . .	49	\$9,476,161	\$5,707,181	\$2,065,853	\$552.06	2,126	1,616	3,742	3,243	4,333	\$10,864,520
Patent medicines and compounds and drugs' preparations, . . .	91	5,640,988	3,845,612	717,047	599.97	635	718	1,353	1,068	1,791	8,854,338
Photographic apparatus and materials, . . .	4	86,629	24,068	19,599	544.42	25	11	36	23	47	64,066
Photo-engraving, . . .	25	445,262	173,180	408,843	927.06	408	38	441	390	501	1,016,919
Plumbers' supplies, . . .	17	1,174,680	556,945	385,852	601.73	567	41	608	504	710	1,261,630
Pocketbooks, . . .	10	464,571	244,013	118,901	427.70	95	183	278	206	381	558,609
Pottery, . . .	8	357,241	43,106	96,664	607.95	140	19	159	137	178	210,980
Printing and publishing, . . .	641	19,686,153	10,063,208	8,007,602	804.63	7,870	2,062	9,932	9,005	10,930	28,364,037
Refrigerators, . . .	11	304,429	187,601	79,100	723.49	108	—	108	71	134	360,715
Rubber goods, not elsewhere specified, . . .	36	20,106,498	16,065,839	3,511,766	601.56	4,427	651	5,078	3,809	6,548	25,805,175
Saddlery and harness, . . .	34	580,149	799,713	209,862	810.05	239	20	259	139	446	1,206,995
Sausages, not made in slaughtering and meat-packing establishments, . . .	48	508,720	2,132,048	197,798	689.19	284	3	287	260	309	2,654,266
Screws, machine, . . .	16	1,199,339	375,751	233,757	574.42	265	42	407	326	513	1,015,464
Shipbuilding, wooden, including boat building, . . .	61	895,390	461,032	376,510	739.71	509	—	509	297	947	1,566,747
Shirts, . . .	13	1,440,981	1,266,454	747,570	443.14	384	1,303	1,687	1,394	1,913	2,887,827

Shoddy, wool,	19	2,114,664	2,733,666	310,937	532.41	543	41	534	472	785	3,766,320
Show cases,	11	73,965	67,400	47,758	832.82	56	-	56	47	60	158,769
Signs and advertising novelties,	17	317,241	219,303	196,206	554.18	184	152	336	330	442	612,888
Silk and silk goods, including throwsters,	17	11,242,053	5,188,106	1,910,835	504.41	1,126	2,464	3,560	2,975	4,235	9,986,872
Silverware and plated ware,	22	7,365,833	2,133,323	1,512,580	689.73	1,906	285	2,193	1,651	2,637	5,446,615
Slaughtering and meat packing,	36	16,659,336	42,506,806	1,966,706	626.40	3,166	20	3,186	2,960	3,468	46,994,153
Soap,	32	3,306,638	2,899,806	293,167	605.72	134	134	484	400	563	5,357,440
Sporting and athletic goods,	16	2,547,660	2,192,675	926,806	655.72	1,063	330	1,418	1,186	1,566	4,013,748
Spring, steel, car and carriage,	6	79,468	31,069	31,299	869.42	36	-	36	34	41	99,183
Stationery goods, not elsewhere specified,	29	3,628,653	2,951,111	1,660,738	514.06	898	1,146	2,044	1,891	2,266	5,332,412
Statuary and art goods,	11	314,317	36,866	77,374	773.74	98	2	100	80	138	210,238
Steam fittings and steam and hot-water heating apparatus,	28	9,806,071	2,740,759	2,388,172	791.17	3,276	130	3,406	3,018	4,343	7,306,303
Steam packing,	9	292,937	137,509	44,064	688.50	64	-	64	56	74	302,817
Stereotyping and electrotyping,	16	306,763	144,654	196,318	804.58	225	19	244	216	237	463,151
Stoves and hot-air furnaces, except gas and oil stoves,	14	2,814,249	1,096,462	1,223,510	797.86	1,533	4	1,536	1,243	1,708	3,303,463
Structural ironwork, not made in steel works or rolling mills,	47	2,838,505	2,206,245	1,001,693	787.14	1,322	-	1,323	893	1,756	4,023,507
Surgical appliances,	12	816,722	943,064	142,372	697.97	158	77	235	212	275	1,394,260
Suspenders, garters, and elastic woven goods,	29	5,105,181	3,619,856	1,427,169	484.85	1,091	1,863	2,884	2,534	3,396	6,851,691
Tobacco manufactures,	243	4,467,168	3,469,120	2,845,069	777.10	2,728	937	3,665	3,320	4,172	8,404,226
Toys and games,	18	1,971,110	986,777	588,812	475.23	772	467	1,329	831	1,579	2,372,405
Trunks and valises,	20	798,723	535,174	207,049	543.44	296	88	381	266	481	1,129,359
Type founding and printing materials,	6	241,879	77,715	67,796	745.01	74	17	91	85	96	270,302

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number		Smallest Number	Greatest Number		
						Males	Females		Both Sexes		
The State — Concluded.											
Upholstering materials,	6	\$975,160	\$2,059,262	\$92,898	\$496.78	177	10	187	156	219	\$2,521,228
Vinegar and cider,	33	381,420	169,202	38,334	684.54	54	—	56	42	113	311,668
Waste,	8	2,065,476	3,009,371	362,308	429.37	580	264	844	709	979	3,915,326
Watch and clock materials,	6	142,534	40,242	86,512	514.98	66	102	108	155	188	184,457
Whips,	19	2,291,940	945,708	430,922	499.32	608	235	843	768	981	2,305,168
Window shades and fixtures,	18	249,446	410,878	77,164	622.29	101	23	124	104	172	616,249
Wire,	8	8,446,879	5,722,691	2,423,184	769.74	3,058	90	3,148	2,332	3,987	11,131,066
Wirework, including wire rope and cable,	32	5,014,584	2,494,544	1,135,122	589.68	1,575	350	1,925	1,675	2,193	5,043,430
Wood, turned and carved,	53	2,203,206	796,589	595,327	439.69	1,312	42	1,354	1,092	1,644	1,759,857
Wooden goods,	22	410,214	261,244	125,443	520.51	228	13	241	185	293	552,300
Wool scouring,	10	1,768,191	1,111,573	459,674	622.96	704	34	738	531	944	1,970,339
Woolen and worsted goods,	156	142,448,075	88,122,670	25,941,201	494.22	31,275	21,214	52,489	42,813	60,929	140,551,230
All other industries, ¹	290	124,731,650	74,991,781	21,071,078	665.94	24,774	6,867	31,641	23,770	39,021	120,516,183

¹ Embraces Aluminum ware, 3; Ammunition, 4; Artificial flowers, 2; Artists' materials, 2; Asbestos products, not including steam packing, 4; Babbitt metal and solder, 2; Bags, other than paper, 5; Bags, paper, 1; Baking powders and yeast, 4; Belting and hose, rubber, 3; Bluing, 2; Bone, carbon, and lamp black, 2; Butter, re-working, 1; Candles, 1; Card cutting and designing, 2; Cars and general shop construction and repairs by street railroad companies,

2; Cars, steam railroad, not including operations of railroad companies, 4; Cash registers and calculating machines, 2; Chocolate and cocoa products, 5; Cloths, 5; Clothing, horse, 3; Clothing, men's, buttonholes, 2; Coke, 1; Collars and cuffs, men's, 1; Cordials and sirups, 3; Cork cutting, 2; Crucibles, 1; Dairymen's, poultrymen's, and apiarists' supplies, 4; Drug grinding, 2; Emery and other abrasive wheels, 9; Engravers' materials, 1; Explosives, 3; Fertilisers, 4; Files, 4; Fireworks, 5; Flags and banners, 3; Foundry supplies, 1; Furs, dressed, 1; Gas machines and gas and water meters, 3; Glass, 2; Gloves and mittens, leather, 4; Glucose and starch, 3; Hair work, 1; Hammocks, 2; Hand-knit goods, 5; Hat and cap materials, 1; Hata, wool, 2; Horsehoes, not made in steel works or rolling mills, 3; Ink, printing, 1; Ink, writing, 4; Iron and steel, blast furnaces, 1; Iron and steel, doors and shutters, 2; Ivory, shell, and bone work, not including combs and hairpins, 4; Lead, bar, pipe, and sheet, 1; Lubricating greases, 3; Matches, 1; Mats and matting, 1; Minerals and earths, ground, 7; Motorcycles, bicycles, and parts, 5; Needles, pins, and hooks and eyes, 4; Nets and seines, 2; Oil-cloth, enameled, 3; Oleomargarine, 1; Optical goods, 14; Paper patterns, 1; Paving materials, 2; Peanuta, grading, roasting, cleaning, and shelling, 2; Pens, fountain and stylographic, 3; Pens, gold, 3; Phonographs and graphophones, 1; Pipes, tobacco, 2; Pumps, not including steam pumps, 3; Regalia and society badges and emblems, 8; Roofing materials, 2; Sand and emery paper and cloth, 2; Saws, 9; Scales and balances, 1; Screws, wood, 2; Sewing machines and attachments, 6; Shipbuilding, iron and steel, 2; Smelting and refining, not from the ore, 3; Soda-water apparatus, 6; Stoves, oil and gas, 1; Sugar, refining, not including beet sugar, 2; Sulphuric, nitric and mixed acids, 1; Theatrical scenery, 1; Typewriters and supplies, 2; Umbrellas and canes, 4; Wall paper, not made in paper mills, 2; Washing machines and clothes wringers, 2; Watches, 2.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.
 B. THE 35 CITIES: BY INDUSTRIES.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product	
						Average Number			Smallest Number	Greatest Number		
						Both Sexes						
						Males	Females					
ATTLEBORO.												
Electroplating,	189	\$15,346,018	\$7,349,817	\$2,336,836	\$680.98	3,875	1,538	5,413	4,118	6,406	\$13,969,686	
Engraving and dieinking,	6	44,860	32,666	16,876	675.04	19	6	25	19	34	59,836	
Jewelry,	8	35,983	3,334	23,200	748.39	30	1	31	30	39	50,662	
Other industries,	75	8,193,758	4,643,296	1,726,715	684.50	1,782	989	2,731	2,120	3,538	8,417,681	
	40	7,071,418	2,663,521	1,470,045	603.47	2,044	392	2,436	1,924	2,964	5,441,507	
BEVERLY.												
Boot and shoe cut stock and findings,	55	10,083,489	3,699,008	2,402,889	724.24	3,966	736	4,702	3,910	6,119	9,634,169	
Boots and shoes,	10	168,888	182,236	26,999	582.48	46	2	48	36	64	251,483	
Bread and other bakery products,	12	1,440,500	2,296,982	948,848	587.52	1,019	596	1,615	1,247	1,896	3,891,183	
Other industries,	8	33,714	67,064	16,591	721.35	22	1	23	22	27	114,883	
	25	8,445,227	1,145,750	2,413,296	800.20	2,879	127	3,016	2,605	4,132	5,376,620	
BOSTON.												
Artificial limbs,	4,437	\$91,767,185	\$50,874,711	\$4,174,658	647.35	61,504	\$2,911	74,415	61,186	89,796	\$71,969,428	
Automobiles, including bodies and parts,	4	13,275	9,604	14,082	690.62	21	-	21	17	22	34,647	
Awnings, tents, and sails,	20	453,662	242,415	218,809	775.92	280	2	282	172	377	632,566	
Blacking, stains, and dressings,	19	178,849	265,635	119,164	684.79	109	66	174	119	271	505,390	
Bookbinding and blank-book making,	10	370,833	291,246	55,000	632.18	53	35	87	74	101	568,881	
	46	897,448	388,004	630,123	575.96	504	590	1,094	972	1,292	1,460,953	
Boot and shoe cut stock and findings,	31	4,904,667	13,146,176	597,961	622.23	778	183	961	739	1,178	15,390,859	
Boots and shoes,	14	9,132,946	7,126,251	2,547,713	599.07	3,967	2,012	6,969	6,143	7,765	13,487,299	
Boxes, fancy and paper,	18	618,101	568,479	384,859	446.99	276	585	861	773	986	1,286,676	

Brass, bronze, and copper products, . . .	23	333,659	301,097	132,144	777.99	157	-	157	138	181	516,307
Bread and other bakery products, . . .	231	4,928,899	5,106,719	1,365,337	663.87	1,527	379	1,906	2,064	2,276	9,187,353
Canning and preserving, . . .	21	1,099,650	1,904,751	237,885	543.71	250	173	433	344	539	2,432,308
Carriages and wagons, and materials, . .	23	373,339	188,159	179,161	793.75	236	-	236	194	277	497,563
Chemicals, . . .	6	193,672	355,846	11,260	535.14	21	-	21	13	30	476,593
Cleansing and polishing preparations, . .	6	164,726	181,858	19,758	637.35	21	10	31	30	33	337,454
Cloth sponging and refinishing, . . .	4	29,711	2,760	31,811	722.98	44	-	44	39	48	64,933
Clothing, men's, . . .	100	6,708,351	7,391,140	2,465,523	595.39	2,190	1,951	4,141	3,327	4,951	14,394,907
Clothing, women's, . . .	113	2,737,567	4,481,067	1,924,376	569.17	1,063	2,238	3,281	2,366	4,239	8,623,008
Coffee and spice, roasting and grinding, .	16	3,337,563	5,953,911	370,317	640.23	256	167	433	408	443	8,396,573
Confectionery, . . .	55	7,489,963	9,478,908	2,115,060	406.81	1,309	3,908	5,208	3,723	6,543	15,679,353
Copper, tin, and sheet-iron products, . .	60	2,305,951	2,261,994	999,337	711.53	1,204	74	1,273	1,023	1,571	4,433,761
Cutlery and tools, not elsewhere specified, .	17	3,705,167	780,419	465,245	575.92	474	334	898	737	983	3,186,897
Dental goods, . . .	7	107,404	457,933	29,555	581.47	40	11	51	50	53	544,966
Dyestuffs and extracts, . . .	9	537,251	400,146	36,566	653.30	56	-	56	51	61	595,631
Electrical machinery, apparatus, and sup- plies, . . .	29	4,466,099	1,596,561	1,022,393	674.85	1,179	336	1,515	1,209	2,004	3,897,442
Electroplating, . . .	20	67,261	40,353	80,379	765.51	105	-	105	93	123	191,165
Enameling and japanning, . . .	3	26,714	8,908	14,456	688.33	21	-	21	15	23	35,974
Engraving and dieinking, . . .	13	48,881	22,161	51,057	810.45	56	7	63	58	70	116,006
Engraving, steel and copper plate, including plate printing, . . .	15	345,467	146,716	264,208	724.19	224	136	360	313	431	635,971
Fancy articles, not elsewhere specified, .	6	84,317	50,232	29,562	476.81	17	45	63	40	53	141,644
Flavoring extracts, . . .	7	421,898	353,785	37,265	545.10	23	27	50	40	63	733,229

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

B. THE 35 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number		Smallest Number	Greatest Number		
						Males	Females				
											Both Sexes
BOERON — Continued.											
Food preparations,	16	\$833,580	\$1,255,388	\$181,946	\$673.87	211	59	270	214	381	\$2,655,365
Foundry and machine-shop products,	139	18,077,657	6,388,917	5,077,156	785.82	6,411	50	6,461	4,507	8,567	10,345,732
Fur goods,	12	328,644	317,184	127,886	906.64	69	72	141	70	218	662,446
Furnishing goods, men's,	7	480,047	657,529	104,663	428.95	33	211	244	185	281	994,098
Furniture,	39	798,548	912,810	470,192	696.58	642	33	675	534	828	1,991,308
Galvanizing,	3	30,417	25,800	8,753	795.73	11	—	11	8	15	42,108
Gas and electric fixtures,	9	148,911	130,114	62,368	742.48	84	—	84	74	98	268,037
Glass, cutting, staining, and ornamenting,	17	97,033	41,510	82,298	814.83	98	3	101	86	130	177,340
Hand stamps and stencils and brands,	13	73,280	25,528	47,579	806.42	59	—	59	54	68	153,968
Hardware,	12	166,492	45,342	48,406	722.48	58	9	67	62	82	166,932
Hats and caps, other than felt, straw, and wool,	22	204,803	356,736	149,087	645.40	161	70	231	187	276	687,072
Hosiery and knit goods,	8	1,042,116	929,295	296,773	415.65	352	362	714	585	837	1,624,024
House-furnishing goods, not elsewhere spec- ified,	8	68,259	100,892	57,101	598.67	43	54	97	71	132	221,412
Instruments, professional and scientific,	11	935,511	316,298	337,514	681.85	431	64	495	342	641	992,019
Iron and steel, steel works and rolling mills,	3	60,354	40,134	39,694	610.98	65	—	65	50	79	122,062
Jewelry,	24	406,672	295,696	163,200	850.00	173	19	192	173	224	628,227
Leather goods, not elsewhere specified,	16	350,590	365,584	142,877	474.67	113	188	301	226	352	686,458
Liquors, malt,	14 ¹	14,760,342	2,232,120	1,211,729	986.75	1,216	12	1,228	1,146	1,297	8,827,108

Lithographing.	6	208,530	110,236	93,084	745.90	107	19	126	116	135	283,276
Looking-glass and picture frames.	16	130,380	134,908	70,295	675.91	104	-	104	96	117	313,085
Lumber, planing-mill products.	43	1,406,565	1,632,277	653,162	796.54	830	-	830	644	994	2,791,904
Marble and stone work.	15	737,549	378,188	302,601	771.99	392	-	392	290	544	982,888
Mattresses and spring beds.	22	740,497	1,114,757	297,816	606.35	383	108	491	423	564	1,899,068
Millinery and lace goods.	49	1,261,569	1,090,743	473,108	434.44	139	950	1,069	776	1,428	3,016,745
Mineral and soda waters.	24	815,133	462,066	99,725	767.19	130	-	130	93	197	1,006,579
Mirrors.	7	116,202	211,167	65,531	689.99	95	-	95	91	110	385,066
Models and patterns, not including paper patterns.	18	129,972	24,045	108,858	880.15	117	1	118	70	178	233,446
Monuments and tombstones.	7	74,996	16,532	28,737	898.03	32	-	32	20	44	73,977
Musical instruments and materials, not specified.	12	304,606	122,190	141,540	680.43	159	49	206	140	250	247,276
Musical instruments, pianos and organs, and materials.	14	3,705,445	1,388,547	884,414	700.25	1,224	39	1,363	1,160	1,396	3,023,489
Oil, not elsewhere specified.	6	843,435	1,321,731	92,765	644.20	142	2	144	137	153	1,749,042
Paints and varnishes.	7	757,518	744,456	68,771	647.63	96	7	103	91	116	1,113,584
Patent medicines and compounds and druggists' preparations.	44	3,017,540	2,402,750	392,519	513.10	330	445	765	567	1,009	4,826,699
Photo-engraving.	17	336,769	138,736	313,708	980.34	305	15	320	282	366	815,949
Plumbers' supplies.	4	190,100	32,224	47,176	873.63	54	-	54	53	61	133,750
Printing and publishing.	243	11,940,967	6,716,005	4,476,179	901.91	4,197	766	4,903	4,602	5,469	17,803,101
Refrigerators.	7	185,663	121,229	67,900	754.44	90	-	90	69	108	292,384
Rubber goods, not elsewhere specified.	6	528,279	325,104	180,404	571.88	145	118	263	213	375	686,350
Saddlery and harness.	11	20,244	25,015	27,159	823.00	23	1	23	31	37	74,411
Sausage, not made in slaughtering and meat packing establishments.	12	179,618	927,395	84,879	695.73	121	1	123	110	137	1,144,086

† Includes one establishment having four branches.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.
 B. THE 35 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
BOSTON — Concluded.											
Screws, machine,	7	\$239,222	\$149,300	\$75,443	\$769.83	90	8	98	75	126	\$306,929
Shipbuilding, wooden, including boat build- ing,	12	193,139	120,567	95,702	855.02	112	—	112	64	165	288,371
Show cases,	7	52,651	45,770	28,704	869.83	33	—	33	20	40	105,442
Soap,	10	287,740	344,919	35,170	723.71	48	—	48	45	72	646,602
Stationary goods, not elsewhere specified, .	6	463,927	344,880	133,608	563.75	116	121	237	206	271	688,343
Statuary and art goods,	8	307,478	34,538	69,744	758.09	90	2	92	74	125	195,147
Steam fittings and steam and hot-water heating apparatus,	11	6,403,846	1,449,906	1,351,633	705.81	1,794	121	1,915	1,602	2,738	4,019,603
Steam packing,	5	124,739	36,391	23,888	796.37	30	—	30	26	38	133,073
Stereotyping and electrotyping,	9	160,516	114,298	126,874	893.48	142	—	142	131	171	304,912
Structural ironwork, not made in steel works or rolling mills,	15	351,537	452,365	223,087	799.59	279	—	279	142	435	899,771
Suspenders, garters, and elastic woven goods, Tobacco manufactures,	9 66	1,072,183 3,429,046	1,283,322 2,538,724	242,146 2,156,231	409.27 825.51	93 2,029	743 583	836 2,612	746 2,300	922 2,972	2,303,436 6,199,197
Trunks and valises,	11	129,805	172,186	71,199	603.38	99	19	118	88	165	336,648
Window shades and fixtures,	8	109,606	229,169	25,814	561.17	32	14	46	37	63	330,937
Wirework, including wire rope and cable, .	8	21,924	19,696	11,236	690.94	17	—	17	11	23	44,943

Wood, turned and carved,	7	87,423	24,708	23,704	578.15	41	-	41	28	69	75,324
Other industries,	261	65,925,190	45,334,340	8,091,946	638.71	10,934	3,191	13,835	11,820	16,012	64,740,406
BROCKTON.											
Blacking, stains, and dressings,	208	30,179,411	55,568,868	10,100,998	664.73	11,465	4,100	15,565	10,867	21,077	54,222,875
Boot and shoe cut stock and findings,	13	209,163	210,806	27,100	846.88	28	4	33	30	34	439,900
Boots and shoes,	44	4,270,287	8,785,854	975,875	550.41	1,158	615	1,773	1,316	2,301	10,835,120
Boxes, fancy and paper,	33	19,572,890	22,848,757	7,776,231	670.25	8,543	3,069	11,602	7,466	10,068	37,529,870
Boxes, wooden packing,	4	160,083	84,869	61,427	435.65	38	102	141	129	189	185,545
Boxes, wooden packing,	4	237,545	128,578	52,976	602.20	80	-	80	63	100	218,262
Carriages and wagons and materials,	3	37,307	13,944	13,180	823.75	15	1	16	13	19	61,226
Confectionery and ice cream,	6	178,343	187,439	44,545	380.73	45	72	117	97	163	356,975
Cutlery and tools, not elsewhere specified,	9	53,278	33,511	65,388	871.84	75	-	75	67	82	166,267
Flour-mill and gristmill products,	3	27,284	25,323	808	439.00	2	-	2	2	2	27,833
Foundry and machine-shop products,	10	408,983	122,544	124,656	697.70	193	-	103	175	212	376,935
Leads,	7	789,680	158,392	174,855	777.13	225	-	225	196	278	545,054
Other industries,	72	4,200,268	1,963,545	863,847	659.98	1,063	249	1,300	1,123	1,570	4,179,968
CAMBRIDGE.											
Automobiles, including bodies and parts,	256	46,070,379	33,184,737	10,457,664	620.29	12,004	4,823	16,827	14,084	20,039	38,483,407
Bookbinding and blank-book making,	8	225,124	91,564	108,443	533.53	124	3	137	92	151	345,183
Boxes, fancy and paper,	6	550,914	146,148	164,553	527.11	140	167	297	268	318	492,065
Bread and other bakery products,	4	385,787	215,779	218,381	465.63	114	355	490	418	522	558,674
Carriages and wagons,	38	1,913,244	2,517,423	631,713	667.79	737	194	981	838	960	4,360,311
Carriages and wagons,	3	56,997	27,794	33,357	852.33	45	-	45	35	57	85,068
Confectionery and ice cream,	21	2,322,724	2,757,798	646,311	435.23	418	843	1,265	1,046	1,583	4,175,890
Confectionery,	15	2,153,560	2,439,357	473,103	408.25	317	843	1,199	969	1,368	3,035,963
Ice cream,	6	170,174	308,435	73,048	760.92	95	1	95	77	126	539,997

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

B. THE 35 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number		Smallest Number	Greatest Number		
						Males	Females				
											Both Sexes
CAMBRIDGE — Concluded.											
Foundry and machine-shop products,	20	\$5,183,220	\$1,555,726	\$1,361,267	\$685.78	1,893	102	1,985	1,643	2,406	\$4,500,007
Furniture,	12	1,408,136	364,954	527,087	848.37	587	35	622	525	713	1,333,404
Looking-glass and picture frames,	3	7,984	5,537	4,543	757.17	6	-	6	4	9	20,510
Lumber, planing-mill products,	6	415,945	341,170	160,453	1,035.18	155	-	155	88	261	665,515
Marble and stone work,	7	212,277	179,872	121,873	990.84	123	-	123	85	175	477,164
Monuments and tombstones,	4	10,927	10,711	6,070	867.14	7	-	7	4	13	28,824
Musical instruments, pianos and organs, and materials,	6	3,180,269	615,768	513,805	587.88	789	85	874	804	973	1,645,696
Patent medicines and compounds and drug- gists' preparations,	5	253,880	153,110	60,939	559.07	56	53	109	95	123	247,897
Structural ironwork,	7	733,239	411,409	195,849	777.18	252	-	252	211	296	731,004
Wood, turned and carved,	3	83,457	5,922	11,866	659.22	16	2	18	15	21	25,496
Other industries,	132	29,117,255	23,804,068	5,783,654	605.49	6,568	2,994	9,552	7,853	11,488	38,820,089
CHICAGO.											
Boots and shoes,	108	9,408,708	9,552,734	\$,670,953	612.95	4,401	1,688	6,989	6,341	6,887	17,380,766
Bones, fancy and paper,	4	1,486,372	3,429,301	1,257,448	551.75	1,446	833	2,279	2,208	2,589	5,099,251
Bread, fancy and paper,	3	223,393	166,812	76,116	432.48	75	101	176	150	205	346,436
Bread and other bakery products,	16	97,688	211,953	76,070	824.41	92	1	93	88	99	371,664

Lumber, planing-mill products,	4	63,263	51,373	27,764	793.26	35	-	35	26	46	111,831
Tobacco manufactures,	8	15,943	14,968	12,943	790.13	12	5	17	16	19	44,496
Other industries,	73	7,532,714	5,678,267	2,320,603	655.26	2,741	648	3,389	2,833	3,929	10,807,149
CHICAGO.											
All industries,	49	28,472,818	17,967,904	6,110,960	664.78	6,960	1,974	8,984	6,308	11,123	30,324,416
	49	28,472,318	17,967,904	6,110,960	664.78	6,960	1,974	8,984	6,302	11,123	30,384,416
EVERETT.											
✓ Boots and shoes,	76	26,468,901	7,333,714	2,132,948	649.35	2,828	472	3,300	2,647	3,371	15,968,716
Bread and other bakery products,	3	370,815	779,431	309,590	571.71	305	237	642	463	610	1,281,835
Foundry and machine-shop products,	6	15,099	7,805	7,231	656.45	11	-	11	8	13	68,463
Other industries,	59	719,843	607,953	175,772	633.27	278	-	278	203	361	993,989
	59	25,308,144	5,807,536	1,640,666	664.37	2,234	235	2,469	1,973	2,837	11,614,413
FALL RIVER.											
Bread and other bakery products,	267	90,996,463	55,967,840	17,109,599	448.68	21,385	16,969	37,294	24,763	29,308	63,604,613
Copper, tin, and sheet-iron products,	74	241,606	599,108	173,393	675.73	260	4	264	263	268	1,008,180
Cotton goods,	7	30,347	27,065	23,373	667.80	35	-	35	33	38	70,964
Cotton small wares,	45	67,082,654	24,643,683	13,707,598	448.80	16,314	14,466	30,680	28,831	31,906	45,392,794
Foundry and machine-shop products,	6	737,083	333,017	147,330	346.93	176	223	398	333	433	698,699
	30	919,664	443,746	331,326	539.37	475	87	563	466	653	1,049,832
Lumber, planing-mill products,	4	137,873	65,344	43,317	653.98	74	-	74	61	83	133,968
Marble and stone work,	3	63,883	4,065	84,596	734.17	47	-	47	16	65	59,313
Mineral and soda waters,	4	13,712	15,556	7,150	715.00	10	-	10	10	14	31,489
Monuments and tombstones,	5	35,410	12,366	13,407	893.80	16	-	15	10	20	34,835
Printing and publishing, book and job,	12	92,015	44,231	26,925	694.64	51	7	53	55	58	127,542
Sausage, not made in slaughtering and meat- packing establishments,	8	20,110	134,704	14,663	637.53	33	1	23	33	24	178,117
Other industries,	69	21,603,118	6,946,406	2,559,241	499.07	3,946	1,183	5,123	4,639	5,739	13,979,510

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

B. THE 35 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product	
						Average Number		Smallest Number	Greatest Number			
						Males	Females					
										Both Sexes		
FITCHBURG.												
Bread and other bakery products, . . .	112	\$24,555,918	\$15,261,640	\$4,922,777	\$49.91	6,382	2,570	8,962	7,393	10,546	\$25,086,676	
Confectionery and ice cream, . . .	16	48,533	161,591	42,847	639.51	64	3	67	65	68	254,031	
Cotton goods, . . .	3	15,624	56,520	10,745	716.33	9	6	15	14	15	84,792	
Foundry and machine-shop products, . .	6	5,833,610	3,010,153	1,246,045	424.92	1,483	1,382	2,865	2,364	3,121	4,731,822	
Marble and stone work, . . .	20	2,766,541	1,217,256	885,517	721.11	1,220	8	1,228	618	1,853	2,815,888	
Printing and publishing, . . .	5	59,650	4,747	15,482	814.84	19	—	19	7	28	27,350	
Tobacco manufactures, . . .	5	86,715	28,088	66,423	862.64	63	14	77	72	82	133,607	
Other industries, . . .	52	8,225	10,246	4,272	610.29	5	2	7	6	8	19,478	
GLOUCESTER.												
Canning and preserving, fish, . . .	81	6,918,643	5,749,007	1,359,044	522.12	1,907	643	2,550	1,947	3,167	8,901,194	
Clothing, men's, . . .	15	3,639,371	3,884,555	618,215	524.80	992	186	1,178	885	1,475	5,380,459	
Foundry and machine-shop products, . .	5	63,899	91,742	27,770	356.03	24	54	78	76	79	140,600	
Shipbuilding, wooden, including boat build- ing, . . .	4	53,444	18,228	15,239	662.57	23	—	23	21	24	46,761	
Tobacco manufactures, . . .	10	122,021	30,021	23,177	702.33	33	—	33	24	50	86,577	
Other industries, . . .	7	3,510	9,987	5,324	532.40	10	—	10	8	10	24,833	
HAVERHILL.												
Boot and shoe cut stock and findings, . .	364	20,495,586	28,029,957	8,698,864	645.96	8,838	4,581	13,353	9,919	17,171	43,980,078	
Boots and shoes, . . .	135	5,138,760	8,992,440	914,081	549.33	1,220	444	1,664	1,240	2,233	11,450,937	
	119	9,651,712	15,103,788	6,550,145	670.03	6,173	3,603	9,776	7,150	12,566	26,160,453	

Boxes, fancy and paper,	6	142,040	187,940	94,373	507.23	74	116	190	164	214	353,965
Bread and other bakery products,	18	60,823	164,978	40,079	743.30	50	4	54	50	82	393,498
Cutlery and tools, not elsewhere specified,	4	13,881	5,385	15,800	929.41	17	-	17	17	19	32,022
Foundry and machine-shop products,	5	152,007	59,321	66,812	930.18	65	-	65	83	84	156,237
Models and patterns, not including paper patterns,	6	25,883	10,713	32,311	715.80	45	-	45	35	55	82,888
Tobacco manufactures,	4	6,659	3,099	2,660	533.80	5	-	5	5	7	10,108
Other industries,	67	5,294,221	3,511,704	887,694	577.55	1,183	354	1,537	1,200	1,931	5,402,006
HOLYOKE.											
Bread and other bakery products,	170	40,891,376	21,146,087	8,560,685	538.71	9,006	6,488	15,488	18,474	17,539	39,709,303
Flour-mill and grist-mill products,	20	312,006	345,834	77,772	777.72	95	5	100	95	106	595,653
Foundry and machine-shop products,	3	47,300	111,770	1,196	598.00	2	-	2	2	3	118,888
Lumber, planing-mill products,	16	3,331,000	832,247	647,068	711.85	892	17	909	723	1,123	2,198,516
Mineral and soda waters,	4	331,771	363,572	127,549	797.18	100	-	100	137	181	594,008
Paper and wood pulp,	3	15,800	7,402	2,761	552.20	5	-	5	3	9	25,200
Paper goods, not elsewhere specified,	21	13,732,569	7,118,963	2,187,764	534.38	2,634	1,420	4,094	3,798	4,672	12,083,400
Printing and publishing, book and job,	5	1,243,919	1,126,027	256,004	553.96	333	120	458	439	490	1,903,184
Stationery goods, not elsewhere specified,	8	86,744	33,535	38,220	616.45	44	18	63	56	70	121,236
Tobacco manufactures,	8	1,466,003	942,471	337,257	498.90	355	321	676	613	760	1,914,389
Other industries,	10	42,102	27,224	31,856	634.63	38	13	51	48	56	85,124
LAWRENCE.											
Bread and other bakery products,	124	105,136,608	49,698,764	14,739,141	483.79	18,688	11,778	30,466	24,876	55,171	79,405,581
Brooms,	47	298,416	477,006	96,138	665.90	143	-	143	123	147	791,499
Cotton goods,	3	12,667	13,092	6,386	589.55	11	-	11	11	13	27,449
Foundry and machine-shop products,	5	9,794,875	2,075,568	1,797,696	422.53	2,104	2,049	4,243	3,690	4,408	6,024,013
Sausage, not made in slaughtering and meat-packing establishments,	20	1,404,390	544,845	412,755	647.97	599	68	637	550	821	1,244,668
	6	40,719	153,767	10,682	638.35	17	-	17	16	18	180,530

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.
 B. THE 35 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
LAWRENCE — Concluded.											
Tobacco manufactures,	4	\$4,360	\$7,442	\$6,619	\$601.73	10	1	11	10	12	\$19,136
Woolen and worsted goods,	13	69,106,722	35,972,706	9,560,048	474.80	11,283	8,852	20,135	15,852	23,654	59,000,208
Other industries,	86	24,474,545	6,455,338	2,852,477	541.27	4,462	808	5,270	4,639	6,008	12,107,998
LOWELL.											
✓ Boots and shoes,	249	62,746,587	34,335,466	15,804,411	606.13	17,955	13,471	51,226	25,660	37,725	62,517,657
Boxes, fancy and paper,	9	1,285,513	2,376,662	750,383	535.61	904	497	1,401	1,055	1,940	3,615,602
Boxes, wooden packing,	3	212,027	168,754	77,169	462.09	60	107	167	140	194	283,275
Bread and other bakery products,	7	361,764	428,124	113,136	516.00	219	—	219	186	253	622,276
Confectionery and ice cream,	42	153,774	479,645	120,406	668.92	170	10	180	177	187	885,171
Confectionery,	9	59,641	84,741	15,260	603.00	22	3	25	20	32	144,451
Ice cream,	5	6,800	36,478	6,389	491.46	10	3	13	11	16	60,097
Copper, tin, and sheet-iron products,	4	92,841	48,263	8,811	734.25	12	—	12	9	16	84,354
Cotton goods,	6	33,949	20,463	21,294	686.90	31	—	31	23	46	67,526
Foundry and machine-shop products,	8	26,964,625	13,759,226	5,969,402	469.48	6,821	5,894	12,715	11,708	13,427	24,303,563
Lumber, planing-mill products,	25	4,413,964	1,236,715	1,229,015	624.50	1,952	16	1,968	1,637	2,434	3,136,842
Mattresses and spring beds,	7	190,145	119,216	74,405	791.54	94	—	94	68	113	250,552
Mineral and soda waters,	3	16,600	25,253	11,068	527.05	18	3	21	18	21	46,337
Monuments and tombstones,	4	31,144	12,203	8,691	668.54	12	1	13	12	19	35,854
	6	20,356	12,238	12,215	814.33	15	—	15	12	21	39,337

Patent medicines and compounds and drugs' preparations,	7	1,131,395	300,399	33,110	516.43	96	61	159	115	377	789,817
Printing and publishing,	16	419,464	248,009	203,140	842.90	198	43	241	200	303	611,539
Tobacco manufactures,	9	28,095	26,735	13,323	634.98	21	-	21	20	23	56,789
Wood, turned and carved,	4	351,453	186,775	133,376	338.85	343	-	243	285	404	303,371
Woolen and worsted goods,	11	4,086,777	2,581,885	584,302	491.00	880	819	1,000	1,157	2,000	3,907,039
Other industries,	74	23,936,972	12,759,553	6,135,873	515.01	6,097	5,817	11,914	8,327	16,043	23,358,336
LYNN.											
Blackings, stains, and dressings,	408	35,892,516	38,064,480	14,881,840	653.00	16,008	6,784	22,790	18,009	37,616	69,461,431
Boat and shoe cut stock and findings,	11	216,083	309,468	61,899	908.21	63	-	63	54	75	634,894
Boots and shoes,	90	5,329,781	11,675,513	733,946	560.55	964	361	1,245	1,090	1,803	14,156,763
Boxes, fancy and paper,	101	12,408,957	14,908,757	7,324,913	603.44	6,372	4,518	10,890	7,842	13,422	27,060,060
Bread and other bakery products,	7	437,338	346,773	176,064	535.53	163	173	335	303	384	710,061
Carriages and wagons, and materials,	34	202,179	459,577	132,906	727.36	157	12	196	165	173	853,330
Confectionery and ice cream,	6	43,453	11,353	21,104	727.72	29	-	29	17	40	51,767
Foundry and machine-shop products,	5	81,645	76,083	24,600	649.74	31	7	38	28	53	124,968
Leats,	24	1,040,145	190,308	219,925	783.17	287	5	293	219	399	653,770
Leather, tanned, curried, and finished,	7	297,335	95,217	140,641	931.53	151	-	151	115	202	384,988
Lumber, planing-mill products,	9	1,008,287	1,761,793	378,739	557.46	500	-	500	374	610	2,962,725
Mineral and soda waters,	5	98,424	125,653	56,376	704.70	80	-	80	67	92	246,996
Models and patterns, not including paper patterns,	4	47,431	33,883	10,904	726.93	15	-	15	10	25	61,628
Monuments and tombstones,	13	128,195	41,616	64,816	726.26	94	8	92	65	140	192,363
Tobacco manufactures,	4	29,339	10,381	14,061	878.81	16	-	16	12	25	45,568
Other industries,	3	7,121	12,445	10,221	638.81	13	3	16	11	20	20,175
	79	13,467,065	7,866,602	5,698,644	650.32	7,063	1,697	8,760	7,706	10,153	21,225,360

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.
 B. THE 35 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product
						Average Number		Smallest Number	Greatest Number	
						Both Sexes				
						Males	Females			
MALDEN.	75	\$10,855,707	\$4,959,945	\$1,737,287	\$239.18	1,744	1,659	3,383	3,383	\$9,337,344
All industries,	75	10,855,707	4,959,945	1,737,287	239.18	1,744	1,659	3,383	3,383	9,337,344
MARLBOROUGH.	35	3,314,451	7,993,216	2,363,441	573.60	2,725	1,431	3,946	5,065	12,393,331
All industries,	35	3,314,451	7,993,216	2,363,441	573.60	2,725	1,431	3,946	5,065	12,393,331
MEDFORD.	38	2,397,719	1,187,039	434,670	642.47	572	89	661	810	2,186,365
All industries,	38	2,397,719	1,187,039	434,670	642.47	572	89	661	810	2,186,365
MELROSE.	21	4,462,467	1,637,021	596,906	508.29	577	609	999	1,333	3,033,393
All industries,	21	4,462,467	1,637,021	596,906	508.29	577	609	999	1,333	3,033,393
NEW BEDFORD.	801	90,745,049	37,312,648	17,654,675	515.35	30,708	13,646	34,558	37,685	69,445,348
Bread and other bakery products,	49	473,080	697,491	302,865	596.96	238	57	340	356	1,373,256
Confectionery and ice cream,	6	34,027	59,290	10,770	673.13	16	-	16	25	100,990
Cotton goods,	30	80,575,351	29,390,913	14,671,143	495.28	16,720	12,902	29,623	32,069	54,146,716
Foundry and machine-shop products,	17	343,636	212,777	190,406	643.28	275	21	296	350	504,063
Lumber, planing-mill products,	6	87,845	139,241	47,891	664.16	70	-	70	83	210,838
Mineral and soda waters,	5	107,437	41,812	23,385	599.63	34	5	39	54	98,376
Monuments and tombstones,	4	14,990	8,831	12,987	857.98	15	-	15	19	28,191

Printing and publishing,	15	294,385	114,622	167,342	768.76	197	25	222	206	238	498,335
Sausage, not made in slaughtering and meat- packing establishments,	5	41,380	281,547	18,285	683.04	28	-	28	26	29	330,943
Other industries,	64	8,471,668	6,375,073	2,380,721	618.18	3,068	636	3,704	3,203	4,473	11,964,537
NEWBURYPORT.											
Boot and shoe cut stock and findings,	42	6,779,975	4,480,372	1,769,611	609.53	2,285	1,166	3,471	2,644	4,178	8,089,969
Boots and shoes,	5	166,940	221,509	61,539	433.30	80	62	143	94	184	378,112
Boxes, fancy and paper,	12	2,144,027	2,228,911	992,200	510.70	1,163	780	1,943	1,624	2,349	3,763,112
Bread and other bakery products,	3	32,115	23,287	17,376	431.90	13	27	40	37	44	53,117
Bread and other bakery products,	10	161,401	165,624	43,866	492.94	49	33	87	69	114	342,441
Other industries,	22	4,272,792	1,947,041	666,630	520.75	960	279	1,259	1,030	1,465	3,533,156
NEWTON.											
Bread and other bakery products,	45	6,632,017	2,792,416	1,107,191	624.49	1,498	579	2,071	1,717	2,443	5,646,300
Lumber, planing-mill products,	8	42,107	54,300	11,663	779.30	15	-	15	14	16	94,526
Other industries,	4	244,246	160,136	79,437	872.93	91	-	91	74	112	311,761
NORTH ADAMS.											
Bread and other bakery products,	23	5,536,544	2,583,980	1,016,006	517.06	1,396	579	1,968	1,629	2,320	5,237,613
Bread and other bakery products,	60	18,361,807	7,980,661	2,760,356	641.97	3,571	1,623	5,063	4,367	5,784	12,829,066
Foundry and machine-shop products,	9	236,368	350,623	69,753	464.56	92	49	141	128	145	607,684
Tobacco manufactures,	5	357,167	102,678	119,666	734.15	163	-	163	107	184	339,289
Other industries,	8	22,910	32,777	26,371	573.28	43	4	46	43	53	81,027
NORTHAMPTON.											
Bread and other bakery products,	38	12,734,467	6,794,653	2,544,465	536.47	3,274	1,460	4,743	4,080	5,402	11,254,166
Cutlery and tools, not elsewhere specified, . .	61	10,511,968	4,308,919	1,844,073	644.04	2,317	1,061	3,408	2,633	3,627	8,793,639
Tobacco manufactures,	8	66,967	126,175	29,108	661.43	44	-	44	41	45	212,967
Other industries,	4	537,983	155,100	248,914	596.92	402	15	417	399	476	510,352
Other industries,	5	17,223	9,597	639.80	14	1	15	15	15	16	31,774
Other industries,	44	9,960,367	2,913,362	1,546,480	534.28	1,587	1,075	2,933	2,477	3,300	7,672,816

SOMERVILLE.		180	80,039,478	38,089,401	2,408,947	699.61	5,148	276	5,484	4,381	6,088	44,949,449
Bread and other bakery products,	.	23	197,388	401,106	97,802	698.59	121	19	140	137	144	696,233
Confectionery and ice cream,	.	6	94,878	166,873	40,360	630.77	48	17	65	41	96	276,306
Foundry and machine-shop products,	.	8	140,992	96,817	58,083	753.94	77	-	77	65	98	317,960
Other Industries,	.	83	19,000,215	37,890,006	3,266,743	633.36	4,902	240	5,143	4,578	5,783	48,786,903
SPRINGFIELD.		297	44,180,333	21,980,877	9,729,189	670.37	10,367	3,649	14,513	11,479	17,706	48,416,083
Automobiles, including bodies and parts,	.	7	1,796,106	604,312	456,818	823.10	549	6	555	351	555	1,325,941
Brass, bronze, and copper products,	.	5	630,333	546,590	160,794	601.96	245	23	267	223	324	946,273
Bread and other bakery products,	.	32	663,533	743,907	314,008	756.21	250	33	263	264	307	1,341,435
Carriages and wagons,	.	6	176,526	48,166	40,410	824.00	49	-	49	37	71	119,807
Copper, tin, and sheet-iron products,	.	6	136,076	60,570	65,089	784.20	83	-	83	63	104	174,702
Cutlery and tools, not elsewhere specified,	.	3	804,037	374,986	277,060	857.00	324	-	324	294	361	707,107
Fancy articles, not elsewhere specified,	.	3	73,968	54,812	28,903	467.16	14	48	63	26	96	108,089
Foundry and machine-shop products,	.	38	6,024,618	1,982,632	1,500,385	781.18	1,941	63	2,009	1,448	2,577	5,123,404
Lumber, planing-mill products,	.	3	220,630	196,877	76,327	809.97	98	-	98	80	104	312,100
Mattresses and spring beds,	.	5	201,976	111,453	39,234	837.33	58	15	73	57	84	211,795
Mineral and soda waters,	.	5	33,195	38,585	13,645	758.06	17	1	18	14	26	87,960
Paper goods, not elsewhere specified,	.	8	1,457,225	884,898	265,418	547.50	248	224	473	399	571	1,887,778
Photo-engraving,	.	4	23,593	7,321	42,008	1,065.20	40	-	40	23	46	81,000
Tobacco manufactures,	.	21	400,023	266,023	267,385	708.51	296	213	508	440	571	981,434
Other Industries,	.	181	31,473,006	15,969,983	6,129,453	633.40	6,661	3,016	9,677	7,743	11,599	30,337,155
TAUNTON.		108	18,081,936	9,772,904	3,989,897	556.44	5,164	1,916	7,080	6,308	7,965	17,937,408
Bread and other bakery products,	.	10	68,504	172,064	43,877	713.23	57	-	57	54	58	276,303
Brick and tile,	.	4	440,127	80,579	130,632	566.30	213	-	313	150	270	293,264
Cotton goods,	.	12	6,423,270	2,087,633	1,345,481	489.63	1,544	1,289	2,593	2,698	3,013	5,363,091

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

B. THE 35 CITIES: BY INDUSTRIES — Concluded.

CITIES AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number		Smallest Number	Greatest Number		
						Males	Females		Both Sexes		
TAUNTON — Concluded.											
Foundry and machine-shop products,	8	\$3,182,484	\$736,811	\$458,380	\$662.40	687	5	692	465	990	\$1,579,378
Stoves and hot-air furnaces, not including gas and oil stoves,	6	1,331,332	622,498	690,570	811.48	849	2	851	816	894	1,825,554
Tobacco manufactures,	6	16,475	17,331	10,870	603.89	13	5	18	16	20	42,327
Other industries,	56	6,548,794	5,205,648	1,370,797	567.38	1,801	615	2,416	2,108	2,750	8,680,980
WALTHAM.											
Bread and other bakery products,	75	23,524,723	\$,877,106	4,018,351	668.16	4,300	1,714	6,014	3,596	7,337	10,937,073
Confectionery and ice cream,	6	63,283	185,507	45,878	849.59	54	—	54	54	55	327,948
Cutlery and tools, not elsewhere specified,	4	34,000	36,254	5,560	695.00	6	2	8	8	8	61,373
Foundry and machine-shop products,	11	138,648	47,376	54,251	332.05	140	2	142	110	172	144,186
Watch and clock materials,	5	719,354	197,931	307,877	706.14	431	5	436	324	540	730,176
Other industries,	45	113,794	35,219	69,933	592.65	61	57	118	110	133	151,066
		22,455,704	3,374,819	3,534,532	672.53	3,608	1,648	5,256	2,990	6,429	9,522,324
WOBURN.											
Boot and shoe cut stock and findings,	49	10,692,871	\$,296,504	1,805,168	698.98	1,891	88	1,979	1,453	2,517	8,706,914
Bread and other bakery products,	3	91,286	39,609	24,283	449.69	30	24	54	40	83	88,345
Cutlery and tools, not elsewhere specified,	4	4,755	24,827	6,673	741.44	9	—	9	9	9	41,575
Foundry and machine-shop products,	3	45,748	6,483	10,947	643.94	16	1	17	12	24	31,207
	4	274,605	115,969	83,300	824.75	101	—	101	95	106	258,140

Leather, tanned, curried, and finished,	18	7,757,390	4,370,261	794,551	615.83	1,363	11	1,274	941	1,688	6,100,319
Other industries,	17	2,380,237	888,355	206,414	548.77	472	53	534	356	697	2,118,338
WORCESTER.											
X Boots and shoes,	508	86,040,387	56,777,047	19,587,945	644.68	23,080	6,839	30,769	23,839	58,898	99,824,217
Brass, bronze, and copper products,	10	1,351,267	1,583,061	539,885	565.90	501	435	986	650	1,215	2,687,960
Bread and other bakery products,	3	36,868	47,497	10,285	935.00	11	-	11	9	14	66,061
Clothing, men's,	53	444,233	939,488	219,250	948.67	270	68	358	318	363	1,442,753
Clothing, women's,	16	395,739	437,767	150,544	470.63	131	208	339	306	399	757,080
Confectionery and ice cream,	15	573,411	795,356	265,550	405.42	97	558	655	440	823	1,358,602
Copper, tin, and sheet-iron products,	11	45,857	112,047	19,464	605.14	25	3	38	24	32	197,141
Cutlery and tools, not elsewhere specified,	14	1,233,036	964,092	406,029	662.26	573	13	585	388	751	2,120,113
Electroplating,	12	874,214	280,395	335,766	733.71	386	58	444	371	534	919,068
Foundry and machine-shop products,	5	37,257	14,189	27,342	536.13	51	-	51	28	68	68,689
Mineral and soda waters,	79	17,270,733	6,750,417	5,112,133	706.88	7,194	38	7,232	4,779	9,298	16,828,966
Models and patterns, not including paper patterns,	7	63,943	72,750	27,066	795.76	33	1	34	18	54	130,515
Sausage, not made in slaughtering and meat-pecking establishments,	4	26,280	21,753	41,063	833.03	49	-	49	34	66	84,681
Tobacco manufactures,	5	83,714	260,400	21,166	755.93	28	-	28	26	29	344,196
Wirework, including wire rope and cable,	16	46,507	55,501	35,619	598.65	46	14	60	43	91	116,304
Woolen and worsted goods,	9	2,122,788	1,339,442	549,195	531.14	802	232	1,034	923	1,194	2,646,971
Other industries,	12	2,366,188	2,488,824	689,238	489.98	693	714	1,407	1,145	1,697	3,957,362
	238	59,074,942	39,614,148	11,390,560	649.55	13,031	4,497	17,528	13,721	21,724	65,780,474
TOTAL FOR THE 35 CITIES,	7,906	\$1,169,200,996	\$718,378,671	\$237,678,379	\$637.78	898,640	159,545	433,256	359,838	519,659	\$1,906,063,011

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES.

INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number		Smallest Number	Greatest Number		
						Males	Females				
											Both Sexes
METROPOLITAN BOSTON.						119,943	66,874	186,017	116,391	196,199	\$633,796,416
Artificial stone products,	15	366,615	101,066	102,546	736.50	221	-	221	127	309	350,123
Automobiles, including bodies and parts,	35	3,211,143	2,422,967	1,350,235	803.39	1,674	7	1,661	1,096	2,325	4,950,705
Awnings, tents, and sails,	25	205,148	304,439	136,607	663.14	128	78	206	133	338	594,961
Baskets, and rattan and willow ware,	8	61,411	27,205	29,374	534.07	43	12	55	49	60	71,371
Belting, leather,	5	616,902	641,035	45,969	792.57	57	1	53	56	64	885,063
Billiard tables and materials,	5	110,700	80,677	26,272	821.00	32	-	32	31	34	155,686
Blacking, stains, and dressings,	27	1,161,353	1,492,023	223,032	568.66	211	190	401	322	490	2,709,037
Bookbinding and blank-book making,	55	1,365,989	533,248	795,676	562.32	654	761	1,415	1,259	1,638	1,893,288
Boot and shoe cut stock and findings,	145	12,083,946	26,659,639	1,582,866	577.83	2,048	691	2,759	2,097	3,556	31,896,414
Boots and shoes,	140	28,847,371	32,239,409	14,612,308	563.51	14,584	10,036	24,690	19,933	28,322	56,043,686
Boots and shoes, rubber,	5	19,627,229	8,909,493	4,347,835	546.35	4,444	3,514	7,968	7,110	8,850	21,435,890
Boxes, fancy and paper,	43	1,900,131	1,572,327	966,445	461.09	734	1,263	2,096	1,865	2,391	3,490,433
Boxes, wooden packing,	10	1,343,506	927,247	347,442	622.77	490	67	537	502	666	1,689,107
Bread and other bakery products,	434	7,782,449	9,006,522	2,408,431	676.52	2,923	637	3,560	3,500	4,086	16,945,367
Brick and tile,	10	1,101,697	123,999	183,666	604.16	286	18	304	133	472	412,049
Canning and preserving,	28	1,135,601	1,966,437	266,374	574.51	286	178	464	374	609	2,662,118
Carriages and wagons, and materials,	45	780,537	372,064	396,703	778.72	512	-	512	414	627	996,409

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.
C. METROPOLITAN BOSTON: BY INDUSTRIES — Continued.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Both Sexes				
							Females				
Metropolitan Boston — Continued.											
Furnishing goods, men's,	7	\$480,047	\$657,529	\$104,663	\$428.95	33	211	244	185	281	\$994,008
Furniture,	63	4,072,053	2,272,054	1,550,127	682.27	2,090	182	2,272	1,842	2,637	5,451,817
Gas and electric fixtures,	11	167,527	138,666	68,974	757.96	91	—	91	80	111	298,249
Gas, illuminating and heating,	13	38,437,844	2,911,689	564,863	719.57	785	—	785	688	886	8,543,853
Glass, cutting, staining, and ornamenting,	22	133,800	56,364	105,053	778.17	130	5	135	112	175	236,370
Gold and silver, leaf and foil,	8	101,674	81,847	50,749	563.88	45	45	90	83	105	159,817
Grease and tallow,	9	673,782	698,716	134,160	698.75	192	—	192	183	208	973,701
Hand stamps and stencils and brands,	15	77,255	27,497	49,822	803.58	62	—	62	56	72	161,695
Hardware,	20	374,212	105,813	121,169	734.36	155	10	165	138	214	360,403
Hats and caps, other than felt, straw, and wool,	23	222,926	376,121	158,472	646.82	166	79	245	195	294	734,344
Hosiery and knit goods,	29	5,160,197	3,074,887	1,137,450	493.26	708	1,598	2,306	1,684	2,715	5,771,082
House-furnishing goods, not elsewhere speci- fied,	16	707,682	640,397	167,633	476.23	170	182	352	234	438	1,019,825
Instruments, professional and scientific,	19	1,107,334	414,072	399,101	694.09	510	65	575	415	730	1,219,459
Jewelry,	33	557,246	370,615	240,541	715.90	256	80	336	256	463	885,843
Jewelry and instrument cases,	6	463,172	160,391	123,673	420.66	98	196	294	251	319	464,188

Leads,	10	458,332	169,965	214,240	915.56	234	-	224	191	292	575,536
Leather goods, not elsewhere specified,	21	397,318	433,206	162,991	482.22	133	205	333	250	433	792,252
Leather, tanned, curried, and finished,	40	11,997,572	10,795,705	1,719,032	594.62	2,872	19	2,891	2,205	3,798	15,064,579
Liquors, malt,	13	14,760,342	2,223,120	1,211,729	986.75	1,216	12	1,228	1,146	1,297	8,827,108
Looking-glass and picture frames,	21	191,467	158,948	86,054	682.97	126	-	126	114	145	383,846
Lumber, planing-mill products,	81	2,857,870	2,762,449	1,217,901	822.91	1,480	-	1,480	1,128	1,872	5,075,201
Marble and stone work,	43	2,180,228	729,075	726,572	812.72	894	-	894	703	1,158	2,164,464
Mattresses and spring beds,	28	788,722	1,160,721	308,045	604.01	399	111	510	439	584	1,987,565
Millinery and lace goods,	50	1,508,160	1,945,046	539,971	440.79	163	1,062	1,225	906	1,569	3,474,659
Mineral and soda waters,	43	928,272	524,177	129,405	748.01	173	-	173	130	265	1,261,204
Mirrors,	8	146,271	235,967	81,972	677.45	121	-	121	106	142	446,586
Models and patterns, not including paper patterns,	36	289,404	94,362	191,237	820.76	224	9	233	151	347	487,712
Monuments and tombstones,	120	1,437,825	741,470	852,886	820.92	1,039	-	1,039	807	1,244	2,343,444
Mucilage and paste,	11	510,917	715,256	45,661	643.11	60	11	71	63	77	1,025,671
Musical instruments and materials, not specified,	12	304,606	122,190	141,540	680.48	169	49	208	149	250	247,276
Musical instruments, pianos and organs, and materials,	27	8,279,366	2,352,593	1,593,896	690.99	2,243	136	2,279	2,159	2,636	5,303,434
Paints and varnishes,	21	2,975,307	2,563,963	292,968	670.41	406	31	437	377	501	4,684,969
Paper goods, not elsewhere specified,	20	347,461	190,279	84,440	435.26	64	130	194	128	262	460,046
Patent medicines and compounds, and druggists' preparations,	63	4,087,181	3,075,113	563,215	527.35	497	601	1,068	831	1,250	7,004,459
Plumbers' supplies,	9	534,996	204,996	140,555	699.28	194	7	201	178	228	531,225

! Includes one establishment having four branches.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

B. THE 35 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number		Smallest Number	Greatest Number		
						Males	Females				
											Both Sexes
PITTSFIELD.											
Bread and other bakery products,	63	\$14,961,146	\$3,563,189	\$1,746,191	\$652.49	5,545	1,999	7,374	8,248	219,303,735	
Woolen and worsted goods,	14	79,268	153,323	43,167	784.85	55	-	53	56	259,462	
Other industries,	44	2,804,563	2,823,607	1,053,904	540.74	1,394	555	1,949	2,359	4,814,467	
		12,070,216	5,586,539	3,649,120	692.43	3,996	1,374	5,270	5,933	14,228,906	
QUINCY.											
Cutlery and tools, not elsewhere specified,	157	19,368,145	7,871,804	\$,933,977	808.45	6,033	335	6,473	7,143	16,092,183	
Foundry and machine-shop products,	4	48,622	22,805	14,021	701.05	20	-	20	23	51,990	
Marble and stone work,	9	2,760,862	273,833	373,519	820.53	454	-	454	553	1,037,651	
Monuments and tombstones,	18	1,096,302	168,903	278,923	803.81	347	-	347	393	674,063	
Other industries,	30	14,702,573	6,724,886	3,787,645	806.40	4,212	335	4,607	5,043	12,190,118	
REVERE.											
All industries,	13	863,541	384,007	51,761	761.19	64	4	68	131	496,857	
	13	863,541	384,007	51,761	761.19	64	4	68	131	496,857	
SALEM.											
Boot and shoe cut stock and findings,	122	10,610,310	7,041,485	\$,333,937	545.39	2,270	1,316	4,366	5,560	11,444,063	
Bread and other bakery products,	22	336,437	368,797	148,177	385.88	211	173	384	497	605,178	
Foundry and machine-shop products,	10	2,067,714	2,611,794	992,149	520.81	1,133	773	1,905	2,326	4,297,858	
Leather, tanned, curried, and finished,	12	80,927	167,013	47,000	746.67	63	-	63	60	292,405	
Other industries,	16	371,219	187,268	140,833	778.11	190	1	181	202	413,535	
	21	1,201,708	1,571,245	476,656	612.14	760	8	777	1,090	2,457,123	
	47	6,573,315	2,140,369	535,147	538.06	614	332	634	1,335	3,327,704	

SOMERVILLE.		180	90,000,478	32,003,401	2,453,947	696.61	5,148	276	5,484	4,881	6,086	44,949,448
Bread and other bakery products,	.	23	197,398	401,106	97,802	696.59	131	19	140	137	144	606,232
Confectionery and ice cream,	.	6	94,978	165,873	40,360	630.77	48	17	65	41	96	273,306
Foundry and machine-shop products,	.	8	140,902	94,817	53,053	733.94	77	-	77	65	93	217,960
Other industries,	.	33	10,000,215	37,800,006	2,266,743	633.36	4,902	240	5,143	4,578	5,753	43,780,963
SPRINGFIELD.		297	44,180,328	21,990,577	9,739,196	670.37	10,867	3,646	11,613	11,479	17,706	48,415,083
Automobiles, including bodies and parts,	.	7	1,795,105	604,312	456,818	832.10	549	6	555	351	855	1,325,941
Brass, bronze, and copper products,	.	5	630,333	646,590	160,794	601.96	345	22	267	223	324	968,272
Bread and other bakery products,	.	32	653,533	743,007	214,008	756.31	250	33	263	264	307	1,341,435
Carriages and wagons,	.	6	175,936	48,156	40,410	834.90	49	-	49	37	71	119,807
Copper, tin, and sheet-iron products,	.	6	138,078	60,870	65,069	784.30	83	-	83	63	104	174,702
Cutlery and tools, not elsewhere specified,	.	3	804,037	274,996	277,060	857.00	324	-	324	294	361	707,107
Fancy articles, not elsewhere specified,	.	3	75,968	54,812	28,903	467.15	14	48	63	26	95	105,080
Foundry and machine-shop products,	.	38	6,024,618	1,983,632	1,460,395	781.18	1,941	63	2,009	1,448	2,577	5,123,404
Lumber, planing-mill products,	.	3	220,030	196,677	76,327	809.97	98	-	98	80	104	312,100
Mattresses and spring beds,	.	5	201,978	111,458	39,324	837.33	88	15	73	57	84	211,795
Mineral and soda waters,	.	5	33,195	33,595	12,645	758.05	17	1	18	14	26	87,969
Paper goods, not elsewhere specified,	.	8	1,457,225	894,896	268,418	547.50	248	224	472	390	571	1,857,773
Photo-engraving,	.	4	32,898	7,331	42,008	1,045.20	40	-	40	23	46	81,000
Tobacco manufactures,	.	21	400,023	246,023	267,385	702.51	295	213	508	440	571	931,424
Other industries,	.	151	31,472,006	15,969,963	6,129,463	633.40	6,661	2,016	9,677	7,743	11,569	30,337,135
TAUNTON.		108	18,081,986	9,772,904	3,939,597	556.44	5,164	1,916	7,080	6,809	7,966	17,997,408
Bread and other bakery products,	.	10	68,504	172,064	43,577	753.23	57	-	57	54	58	273,303
Brick and tile,	.	4	449,127	80,879	120,622	566.30	212	-	212	160	270	283,264
Cotton goods,	.	12	6,428,270	2,067,653	1,246,481	439.63	1,544	1,269	2,893	2,568	3,013	5,266,901

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

B. THE 35 CITIES: BY INDUSTRIES — Concluded.

CITIES AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
TAUNTON — Concluded.											
Foundry and machine-shop products,	8	\$3,182,484	\$736,811	\$458,380	\$662.40	687	5	692	465	990	\$1,579,378
Stoves and hot-air furnaces, not including gas and oil stoves,	6	1,331,332	622,498	690,570	811.48	849	2	851	816	894	1,825,554
Tobacco manufactures,	6	16,475	17,331	10,870	603.89	13	5	18	16	20	42,327
Other industries,	56	6,548,794	5,205,648	1,370,797	567.38	1,801	615	2,416	2,108	2,750	8,680,980
WALTHAM.											
Bread and other bakery products,	75	23,524,723	3,877,106	4,018,331	668.16	4,300	1,714	6,014	3,896	7,337	10,937,073
Confectionery and ice cream,	6	63,283	185,507	45,878	849.59	54	—	54	54	55	327,948
Cutlery and tools, not elsewhere specified,	4	34,000	36,254	5,560	695.00	6	2	8	8	8	61,373
Foundry and machine-shop products,	11	138,648	47,376	54,251	332.05	140	2	142	110	172	144,186
Watch and clock materials,	5	719,354	197,931	307,877	706.14	431	5	436	324	540	730,176
Other industries,	45	113,734	35,219	69,983	592.65	61	57	118	110	133	151,066
		22,455,704	3,374,819	3,534,832	672.53	3,608	1,648	5,256	2,990	6,429	9,522,324
WOBURN.											
Boot and shoe cut stock and findings,	49	10,562,871	5,295,504	1,805,168	698.98	1,891	88	1,979	1,453	2,517	8,706,914
Bread and other bakery products,	3	91,236	39,609	24,283	449.69	30	24	54	40	83	88,345
Cutlery and tools, not elsewhere specified,	4	4,755	24,827	6,673	741.44	9	—	9	9	9	41,507
Foundry and machine-shop products,	3	45,748	6,483	10,947	643.94	16	1	17	12	24	31,207
	4	274,605	115,969	83,300	824.75	101	—	101	95	106	288,140

Leather, tanned, curried, and finished,	18	7,757,290	4,370,261	754,551	615.52	1,263	11	1,374	941	1,638	6,190,319
Other industries,	17	2,389,287	838,355	206,414	568.77	472	52	534	356	687	2,118,328
WORCESTER.											
X Boots and shoes,	508	86,040,987	56,777,037	19,837,945	644.68	23,290	6,889	30,759	23,232	32,262	99,384,217
Brass, bronze, and copper products,	10	1,351,267	1,582,061	539,085	565.90	501	435	986	650	1,215	2,457,960
Bread and other bakery products,	3	36,858	47,497	10,265	935.00	11	-	11	9	14	65,061
Clothing, men's,	52	444,223	959,488	219,250	948.67	270	66	328	318	363	1,542,753
Clothing, women's,	16	392,739	457,787	189,544	470.08	131	208	339	306	399	757,080
Confectionery and ice cream,	15	573,411	795,356	265,550	405.42	97	558	655	440	823	1,358,008
Copper, tin, and sheet-iron products,	11	48,857	112,047	19,464	605.14	26	3	28	24	32	197,141
Cutlery and tools, not elsewhere specified,	14	1,235,086	964,992	405,029	692.26	572	13	585	388	761	2,120,113
Electroplating,	5	874,214	280,395	325,766	723.71	386	58	444	371	534	919,066
Foundry and machine-shop products,	79	23,257	14,189	27,242	536.12	51	-	51	28	68	68,089
Mineral and soda waters,	7	17,270,733	6,750,417	5,112,133	706.88	7,194	38	7,232	4,779	9,296	16,028,966
Models and patterns, not including paper patterns,	4	63,943	72,750	27,056	705.76	23	1	24	18	54	120,315
Sausage, not made in slaughtering and meat-pecking establishments,	5	26,280	21,733	41,063	838.03	49	-	49	24	66	84,681
Tobacco manufactures,	16	83,714	260,400	21,166	755.93	28	-	28	26	29	244,196
Wirework, including wire rope and cable,	9	49,507	55,501	25,019	598.65	46	14	60	43	91	116,204
Woolen and worsted goods,	12	2,122,788	1,339,442	549,195	531.14	802	232	1,034	922	1,194	2,646,971
Other industries,	228	2,366,138	2,438,824	689,228	489.26	693	714	1,407	1,145	1,697	3,957,262
TOTAL FOR THE 35 CITIES,		59,071,942	39,014,148	11,390,560	649.56	13,031	4,497	17,528	12,721	21,794	65,729,474
		7,968	31,159,200,986	3718,378,671	8557.78	898,240	189,545	488,596	369,688	519,689	91,899,668,911

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Average Number					
						Males	Females	Both Sexes			
METROPOLITAN BOSTON.											
	4,139	\$454,925,641	\$331,254,180	\$186,341,566	\$440.55	119,943	46,974	166,917	136,291	196,160	\$632,796,416
Artificial stone products,	15	366,615	101,086	162,546	736.50	321	-	321	127	309	350,123
Automobiles, including bodies and parts, .	35	3,211,143	2,422,987	1,350,235	803.39	1,674	7	1,681	1,066	2,235	4,960,705
Awnings, tents, and sails,	25	205,148	304,439	136,607	663.14	123	78	206	133	333	594,981
Baskets, and rattan and willow ware, .	8	61,411	27,205	29,374	534.07	43	12	55	49	60	71,371
Belting, leather,	5	616,902	641,035	45,969	792.57	57	1	58	56	64	885,063
Billiard tables and materials,	5	110,700	80,677	26,272	821.00	32	-	32	31	34	155,686
Blacking, stains, and dressings,	27	1,161,333	1,493,023	228,032	568.66	211	190	401	323	490	2,709,037
Bookbinding and blank-book making, .	55	1,365,980	538,248	795,676	562.32	654	761	1,415	1,259	1,638	1,833,238
Boot and shoe cut stock and findings, .	145	12,088,946	26,669,639	1,563,686	577.83	2,948	691	2,759	2,097	3,556	31,896,414
Boots and shoes,	140	28,847,371	32,239,409	14,612,308	563.51	14,584	10,086	24,680	19,933	28,332	58,043,636
Boots and shoes, rubber,	5	19,627,229	8,909,493	4,347,885	546.35	4,444	3,514	7,958	7,110	8,850	21,435,800
Boxes, fancy and paper,	43	1,900,131	1,572,327	966,445	461.09	784	1,363	2,096	1,865	2,391	3,480,433
Boxes, wooden packing,	10	1,243,506	927,247	347,442	623.77	400	67	537	502	666	1,639,107
Bread and other bakery products, . . .	494	7,783,449	9,609,523	2,408,421	676.82	2,923	637	3,560	3,500	4,086	10,945,367
Brick and tile,	10	1,101,697	123,990	183,666	604.16	296	18	304	133	472	412,049
Canning and preserving,	28	1,135,601	1,966,437	266,574	574.51	286	178	464	374	609	2,662,118
Carriages and wagons, and materials, .	45	780,657	373,064	396,703	778.73	512	-	512	414	637	996,409

Chemicals,	16	5,006,985	2,327,405	670,190	661.59	1,003	10	1,013	737	1,251	5,812,741
Clothing, men's,	165	7,146,124	7,745,673	2,616,863	589.46	2,357	2,181	4,438	3,488	5,205	14,878,339
Clothing, women's,	139	3,390,707	5,006,913	2,144,265	547.51	1,102	2,818	3,920	2,761	5,095	9,668,328
Coffee and spice, roasting and grinding,	17	3,003,631	6,257,635	278,617	643.46	266	167	433	418	463	8,632,038
Confectionery and ice cream,	119	10,357,665	12,876,289	2,623,354	481.33	1,916	4,789	6,706	4,965	8,439	21,069,374
Confectionery,	84	9,760,253	12,043,512	2,634,204	467.74	1,660	4,796	6,436	4,765	8,068	19,550,850
Ice cream,	35	571,412	832,717	204,180	759.03	266	3	269	200	381	1,508,534
Cooperage,	4	457,124	509,765	109,491	611.88	277	-	277	263	289	740,245
Copper, tin, and sheet-iron products,	74	3,113,966	2,811,537	1,173,422	700.13	1,563	83	1,676	1,360	2,095	5,662,507
Cutlery and tools, not elsewhere specified,	40	4,174,728	930,582	601,651	566.99	726	237	1,063	947	1,224	3,642,417
Dental goods,	7	107,404	457,862	29,655	531.47	40	11	51	50	53	544,966
Dyeing and finishing textiles,	15	2,170,269	906,378	594,894	499.43	877	194	1,071	848	1,231	1,908,333
Dyestuffs and extracts,	13	719,164	565,905	54,350	715.13	76	-	76	69	88	867,429
Electrical machinery, apparatus, and supplies,	53	20,574,458	11,730,964	7,795,163	651.01	9,745	2,229	11,974	10,178	14,475	28,664,183
Electroplating,	22	70,374	41,409	83,117	762.54	109	-	109	96	127	199,160
Enameling and japanning,	3	26,714	8,808	14,455	688.33	21	-	21	15	23	35,974
Engraving and die-sinking,	14	50,581	24,184	53,461	783.00	60	7	67	60	74	122,745
Engraving, steel and copper plate, including plate printing,	16	348,217	147,716	266,108	723.08	227	136	363	315	434	639,671
Fancy articles, not elsewhere specified,	12	425,593	222,589	178,067	462.73	241	133	374	282	457	568,398
Felt goods,	6	1,354,323	667,451	200,650	545.24	273	95	366	294	470	1,174,027
Flavoring extracts,	9	437,459	268,516	35,505	514.57	31	38	69	59	82	778,229
Flour-mill and grist-mill products,	5	126,513	117,971	2,206	725.33	3	3	3	3	3	126,840
Food preparations,	25	975,998	1,536,967	211,007	635.56	257	75	323	258	473	3,072,146
Foundry and machine-shop products,	225	29,600,660	9,068,097	7,694,313	754.45	9,916	180	10,066	7,417	13,026	24,172,222
Fur goods,	13	328,644	317,194	127,896	906.64	69	72	141	70	218	662,446

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.
C. METROPOLITAN BOSTON: BY INDUSTRIES — Continued.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product	
						Average Number			Smallest Number	Greatest Number		
						Average Number						
						Males	Females	Both Sexes				
Metropolitan Boston — Continued.												
Furnishing goods, men's,	7	\$480,047	\$657,539	\$104,663	\$428.95	33	211	244	185	281	\$994,098	
Furniture,	63	4,072,053	2,272,054	1,550,127	682.27	2,090	182	2,272	1,842	2,637	5,451,817	
Gas and electric fixtures,	11	167,337	138,666	68,974	757.96	91	—	91	80	111	298,249	
Gas, illuminating and heating,	13	38,437,844	2,911,689	564,863	719.57	785	—	785	688	886	8,543,853	
Glass, cutting, staining, and ornamenting,	22	133,800	56,364	105,053	773.17	120	5	125	112	175	236,370	
Gold and silver, leaf and foil,	8	101,674	81,847	50,749	503.88	45	45	90	83	105	199,817	
Grease and tallow,	9	678,783	698,716	134,160	698.75	192	—	192	183	208	973,701	
Hand stamps and stencils and brands,	15	77,255	27,497	40,822	808.88	63	—	63	56	72	161,695	
Hardware,	20	374,212	105,813	121,169	734.36	155	10	165	138	214	360,403	
Hats and caps, other than felt, straw, and wool,	23	222,926	376,121	158,473	646.83	166	79	245	195	294	734,344	
Hosiery and knit goods,	29	5,160,197	3,074,887	1,137,450	493.26	708	1,598	2,306	1,684	2,715	5,771,082	
House-furnishing goods, not elsewhere speci- fied,	16	707,682	640,397	167,633	476.23	170	182	352	234	438	1,019,825	
Instruments, professional and scientific,	19	1,107,334	414,072	399,101	694.09	510	65	575	415	730	1,219,459	
Jewelry,	33	557,246	370,615	240,541	715.90	256	80	336	256	463	865,843	
Jewelry and instrument cases,	6	463,172	160,391	123,673	420.66	98	196	294	251	319	464,188	

Lasts,	10	458,322	166,965	214,240	915.56	234	-	224	191	292	575,536
Leather goods, not elsewhere specified,	21	397,318	435,209	162,991	482.22	123	205	338	250	423	792,252
Leather, tanned, curried, and finished,	40	11,997,572	10,793,705	1,719,032	594.62	2,872	19	2,891	2,205	3,768	15,064,579
Liquors, malt,	13	14,760,342	2,232,120	1,211,729	988.75	1,216	12	1,228	1,146	1,297	8,827,108
Looking-glass and picture frames,	21	191,467	158,848	86,064	683.97	136	-	126	114	145	383,846
Lumber, planing-mill products,	81	2,867,870	2,762,449	1,317,801	822.91	1,480	-	1,480	1,128	1,872	5,075,201
Marble and stone work,	43	2,180,228	728,075	728,572	812.72	894	-	894	703	1,158	2,154,464
Mattresses and spring beds,	28	788,722	1,160,721	308,045	604.01	399	111	510	439	584	1,987,666
Millinery and lace goods,	50	1,608,150	1,945,046	539,971	440.79	163	1,062	1,225	906	1,569	3,474,659
Mineral and soda waters,	43	928,272	524,177	129,405	748.01	173	-	173	130	265	1,281,204
Mirrors,	8	146,271	236,967	81,972	677.45	121	-	121	108	142	446,586
Models and patterns, not including paper patterns,	36	289,404	94,363	191,237	820.76	224	9	223	151	347	487,712
Monuments and tombstones,	120	1,437,825	741,470	852,926	820.92	1,039	-	1,039	807	1,244	2,363,444
Mucilage and paste,	11	510,917	715,256	45,661	643.11	60	11	71	63	77	1,025,671
Musical instruments and materials, not specified,	12	304,606	122,190	141,540	680.48	159	49	208	149	250	247,376
Musical instruments, pianos and organs, and materials,	27	8,279,266	2,352,593	1,593,896	659.99	2,243	136	2,379	2,159	2,835	5,303,434
Paints and varnishes,	21	2,975,307	2,668,963	292,968	670.41	406	31	437	377	501	4,484,969
Paper goods, not elsewhere specified,	20	347,461	190,279	84,440	435.26	64	130	194	128	263	460,046
Patent medicines and compounds, and druggists' preparations,	63	4,087,181	3,075,113	563,215	527.35	467	601	1,068	831	1,350	7,004,489
Plumbers' supplies,	9	534,966	204,996	140,556	699.28	194	7	201	178	228	631,225

: Includes one establishment having four branches.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES — Concluded.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number		Smallest Number	Greatest Number		
						Males	Females		Both Sexes		
Metropolitan Boston — Concluded.											
Printing and publishing,	342	\$14,906,185	\$3,201,831	\$5,990,880	\$845.33	5,571	1,511	7,083	6,430	7,737	\$21,841,141
Refrigerators,	8	187,293	122,790	68,524	753.01	91	—	91	60	109	295,947
Rubber goods, not elsewhere specified,	17	2,889,945	2,105,455	456,432	601.23	636	173	809	634	1,118	3,476,174
Saddlery and harness,	13	55,955	67,641	32,639	815.98	39	1	40	36	46	125,977
Sausage, not made in slaughtering and meat- packing establishments,	16	256,559	1,170,886	112,603	708.19	158	1	159	147	174	1,443,167
Screws, machine,	8	349,518	163,607	105,481	671.85	149	8	157	130	189	360,989
Show cases,	9	62,222	53,637	41,228	877.19	47	—	47	40	58	139,034
Signs and advertising novelties,	10	119,788	93,128	81,008	623.14	97	33	130	94	159	288,091
Slaughtering and meat packing,	16	14,108,033	34,894,450	1,563,914	630.36	2,460	19	2,479	2,356	2,678	38,187,279
Soap,	21	2,831,852	2,238,250	243,017	595.63	231	127	408	346	497	4,618,304
Stationary goods, not elsewhere specified,	9	686,206	734,164	269,570	523.87	249	261	510	464	572	1,233,552
Statuary and art goods,	10	311,743	36,447	72,606	766.30	94	2	96	78	132	203,067
Steam fittings and steam and hot-water heating apparatus,	14	6,831,210	1,540,752	1,431,666	707.69	1,902	121	2,023	1,701	2,364	4,294,836
Steam packing,	8	197,826	103,193	37,478	707.13	53	—	53	45	62	223,531
Stereotyping and electrotyping,	9	160,616	114,298	126,874	887.23	143	—	143	131	171	304,912

Structural ironwork,	33	1,918,571	1,635,419	683,573	742.73	919	-	919	626	1,216	2,806,724
Surgical appliances,	9	141,709	73,388	70,131	609.83	64	51	115	100	136	230,245
Suspenders, garters, and elastic woven goods,	14	1,992,866	1,777,353	587,791	453.15	354	999	1,253	1,086	1,439	3,194,071
Tobacco manufactures,	90	3,469,432	2,560,371	2,186,876	823.06	2,064	593	2,657	2,337	3,028	6,325,596
Trunks and valises,	14	269,487	242,177	95,875	588.19	133	31	163	96	223	465,623
Watch and clock materials,	6	143,534	40,243	36,512	514.95	66	102	166	135	188	184,457
Window shades and fixtures,	10	124,541	324,285	29,444	566.23	35	17	53	42	71	242,163
Wirework, including wire rope and cable,	11	189,244	98,008	107,297	771.92	139	-	139	122	153	314,047
Wood, turned and carved,	10	170,830	30,626	35,570	602.88	57	2	59	43	90	100,780
Wooden goods, not elsewhere specified,	10	179,561	136,748	68,969	579.49	108	11	119	95	120	262,006
Woolen and worsted goods,	4	3,012,218	2,176,129	531,017	506.73	593	457	1,050	866	1,240	2,984,172
Other industries,	417	115,435,323	74,331,166	20,386,242	670.34	24,072	6,241	30,413	24,462	34,943	117,813,954

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.

D. METROPOLITAN BOSTON.

(Arranged in order of Product Value.)

CITIES AND TOWNS.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product
						Average Number			Greatest Number	
						Both Sexes				
						Males	Females			
METROPOLITAN BOSTON.						119,943	46,974	166,917	198,189	\$532,792,419
Boston,	4,189	\$454,925,641	\$331,394,189	\$196,341,566	\$449.15	51,508	22,912	74,416	89,796	271,049,463
Lynn,	2,437	201,757,183	150,874,711	48,172,633	647.35	16,006	6,794	22,790	27,616	69,445,451
Cambridge,	402	35,292,216	38,065,420	14,831,840	653.00	12,004	4,823	16,827	20,039	58,423,407
Somerville,	285	46,070,279	33,184,737	10,437,664	620.29	5,148	276	5,424	6,066	44,946,443
Chelsea,	120	20,039,473	38,083,401	3,452,947	636.61	4,401	1,868	5,969	6,841	17,880,766
Quincy,	108	9,406,768	9,552,724	3,670,933	612.96	6,068	385	6,473	7,148	16,092,183
Watertown,	157	19,868,145	7,871,894	5,232,977	808.43	3,125	1,994	5,119	5,696	16,017,975
Everett,	15	10,669,020	7,025,302	3,096,973	604.80	2,828	472	3,300	3,871	13,958,715
Waltham,	76	26,468,901	7,232,714	2,132,948	646.35	4,800	1,714	6,514	7,337	10,337,073
Malden,	75	23,524,723	3,877,106	4,018,331	668.16	1,744	1,539	3,283	3,883	9,337,944
Woburn,	75	10,855,707	4,269,945	1,737,267	529.18	1,891	88	1,979	2,517	8,706,914
Weymouth,	49	10,560,571	5,266,604	1,767,166	608.98	1,325	499	1,824	2,106	7,976,028
Newton,	30	5,773,787	4,109,697	1,066,637	595.74	1,492	579	2,071	2,443	5,646,200
Wakefield,	45	5,325,017	2,798,416	1,107,131	534.69	1,312	586	1,868	2,192	5,080,631
Winchester,	19	5,132,497	2,677,916	1,098,962	579.01	998	81	1,079	1,376	5,045,927
Braintree,	16	2,330,577	3,883,770	642,896	596.53	1,148	754	1,903	2,096	4,948,474
Canton,	13	3,299,947	2,735,132	1,104,634	550.77	736	153	889	1,049	3,712,238

Stoneham,	21	1,392,343	2,042,913	476,991	550.16	547	300	587	509	1,341	3,172,833
Muscoos,	21	4,443,467	1,637,021	596,906	508.39	577	609	1,186	999	1,382	3,023,393
Middroad,	23	2,397,719	1,187,039	424,670	643.47	572	89	641	495	810	2,186,265
Needham,	19	1,666,548	866,892	377,462	547.05	249	441	660	499	809	1,723,337
Wellesley,	6	713,001	432,632	112,846	494.94	123	106	228	141	314	643,643
Arlington,	16	1,194,875	246,247	179,414	766.78	229	5	234	175	292	588,737
Ravens,	13	863,541	284,007	51,761	761.19	64	4	66	50	121	468,837
Lexington,	6	459,603	181,581	58,723	716.12	63	19	82	69	98	363,572
Brookline,	16	233,895	106,404	97,999	765.63	111	17	128	109	149	282,966
Dedham,	13	613,925	128,029	98,171	517.63	133	47	180	148	278	270,849
Belmont,	6	136,640	172,109	63,513	577.39	87	23	110	68	125	267,254
Hingham,	8	237,750	36,017	70,051	544.93	67	57	124	110	153	145,076
Milton,	4	83,737	67,046	24,859	487.43	32	19	51	27	65	147,776
Winthrop,	5	123,232	40,465	14,674	732.70	17	3	20	16	30	76,510
Swampscott,	5	21,830	27,228	6,375	572.92	6	6	12	11	17	50,350
Saugus,	4	64,289	21,622	9,314	716.46	12	1	12	11	23	26,982
Other towns, ¹	8	209,639	78,474	83,431	947.43	86	1	87	66	110	276,602

¹ Includes Cohasset, Dover, Hull, Nahant, Weston, and Westwood.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.
E. FOR 119 TOWNS: BY INDUSTRIES.

[For towns other than those given below, the figures cannot be presented without disclosing the operations of individual establishments.]

TOWNS AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Both Sexes					
						Males	Females				
Abington,	18	\$3,578,654	\$2,250,864	\$837,259	\$613.38	991	374	1,365	932	1,616	\$3,755,315
Acton,	12	1,633,068	681,109	189,533	625.52	288	15	303	196	436	1,200,403
Adams,	27	8,318,579	3,114,349	1,904,143	456.38	2,394	1,339	2,923	3,771	4,110	6,308,477
Bread and other bakery products,	5	31,870	37,298	6,406	711.78	9	-	9	9	9	54,488
Cotton goods,	4	6,695,552	2,323,901	1,915,522	488.37	1,974	1,334	3,308	3,255	3,415	4,891,581
Tobacco manufactures,	6	8,208	6,976	2,170	723.33	3	-	3	3	3	15,121
Other industries,	12	1,576,949	746,154	280,045	464.42	408	195	603	504	683	1,341,337
Amesbury,	50	\$977,069	\$986,546	1,063,825	686.08	1,575	161	1,556	997	2,493	\$3,868,518
Automobiles, including bodies and parts,	14	1,324,961	1,046,338	599,799	735.95	892	13	815	427	1,299	2,060,632
Bread and other bakery products,	3	8,650	22,335	6,240	891.43	7	-	7	7	7	38,480
Carriages and wagons, and materials,	4	84,800	40,005	19,096	729.48	27	-	27	20	32	70,573
Other industries,	29	1,648,648	926,668	423,090	622.12	539	148	687	543	835	1,708,639
Amherst,	19	1,184,245	717,295	196,621	586.93	195	140	335	185	517	1,146,074
Andover,	11	3,778,214	1,528,195	648,175	512.20	756	507	1,263	1,147	1,488	3,360,782
Arlington,	16	1,195,875	246,247	179,414	766.73	229	5	224	175	292	585,727
~ Ashburnham,	11	1,045,254	332,544	185,423	570.53	316	9	325	255	409	781,392
~ Athol,	31	10,254,213	2,161,458	1,532,600	644.76	1,918	469	2,277	1,899	2,833	5,901,840
Ayer,	11	225,589	98,140	65,627	570.67	95	20	115	90	148	204,553

Barnstable,	9	54,836	37,457	19,035	613.28	37	5	32	21	57	66,450
Barre, .	7	2,946,911	922,008	400,378	511.34	604	179	703	592	908	1,760,242
Becket, .	6	126,237	51,139	51,551	500.50	87	16	103	82	126	153,398
Belmont, .	6	129,660	172,109	63,513	577.89	87	23	110	68	135	267,264
Billerica, .	8	5,383,838	2,415,131	1,072,918	584.70	1,478	157	1,835	1,530	2,098	3,357,242
Braintree, .	13	3,990,047	2,785,132	1,104,634	580.77	1,148	754	1,902	1,683	2,096	4,946,474
Bridgewater, .	17	3,334,824	6,408,221	1,989,112	640.54	2,309	428	2,637	2,051	3,458	9,550,104
Brookfield, .	4	532,967	568,181	111,121	464.94	170	69	289	100	303	854,208
Brookline, .	16	283,585	106,404	97,989	765.63	111	17	128	109	149	393,966
Canton, .	13	3,176,028	2,144,574	820,927	585.97	736	153	889	761	1,049	3,713,238
Carver, .	7	85,210	37,739	12,180	577.63	21	-	31	21	33	61,081
Chester, .	6	263,656	199,802	58,323	684.15	85	-	85	71	104	363,704
Clinton, .	27	9,183,067	3,715,578	1,923,471	496.10	3,338	1,547	3,865	3,152	4,403	6,464,148
Concord, .	7	449,828	642,541	151,813	726.38	187	22	209	99	366	932,646
Dalton, .	8	1,865,461	859,426	390,274	574.78	354	325	679	546	762	1,378,426
Danvers, .	24	2,021,326	1,872,352	723,871	544.91	875	474	1,349	1,043	1,608	3,401,768
Dartmouth, .	5	73,500	22,880	20,234	493.51	41	-	41	41	64	84,520
Dedham, .	13	613,926	123,029	93,171	517.63	133	47	180	148	278	270,899
Deerfield, .	7	197,727	128,749	52,011	547.48	54	41	95	65	143	262,528
Dighton, .	9	589,922	929,111	400,816	638.34	556	83	638	511	763	1,966,738
Douglas, .	6	811,464	524,476	223,183	471.85	300	173	473	425	538	1,047,818
Dudley, .	10	2,411,009	1,761,806	699,790	475.08	989	484	1,472	763	1,751	3,025,936
Easthampton, .	21	7,991,513	9,213,575	1,706,729	522.00	2,095	1,247	3,443	3,075	3,893	12,006,142
Easton, .	8	2,997,705	563,305	318,836	578.65	477	74	551	424	620	1,192,994
Erving, .	5	1,644,660	509,100	843,011	619.15	446	108	554	527	598	1,232,721
Essex, .	4	52,173	82,284	23,794	659.28	36	-	36	36	54	121,286

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.
 E. FOR 119 TOWNS: BY INDUSTRIES — Continued.

TOWNS AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Greatest Number		
						Males	Females	Both Sexes			
Foxborough,	13	\$746,676	\$271,069	\$177,570	\$460.16	186	131	317	186	504	\$612,289
Frammingham,	42	9,885,527	5,472,969	2,565,489	598.85	2,791	1,493	4,284	3,332	5,419	10,542,061
Franklin,	24	2,468,686	1,807,261	627,291	674.44	803	289	1,092	776	1,328	3,186,714
Gardner,	64	13,671,151	2,574,639	1,960,645	537.75	3,307	439	3,746	3,164	4,831	6,371,324
Bread and other bakery products,	6	16,305	49,378	13,867	739.89	19	-	19	19	31	80,577
Foundry and machine-shop products,	8	281,096	105,525	141,146	638.67	221	-	221	150	276	337,577
Furniture,	18	12,286,146	1,853,896	1,405,795	515.13	2,372	356	2,729	2,434	3,092	4,446,377
Other industries,	22	1,117,584	565,840	399,817	590.57	594	83	677	561	832	1,387,393
Georgetown,	7	163,023	177,090	49,368	470.17	70	35	105	79	139	240,714
Grafton,	11	2,154,698	1,642,566	739,227	507.36	840	617	1,457	1,239	1,523	3,069,287
Great Barrington,	17	3,531,741	1,594,181	456,004	481.02	616	332	948	913	965	2,638,507
Greenfield,	45	4,669,079	1,312,285	1,047,126	676.88	1,442	132	1,574	1,256	2,028	3,898,714
Hanover,	7	846,206	709,266	246,743	568.54	365	69	434	384	505	1,438,253
Hanson,	4	316,940	214,789	85,888	613.13	135	5	140	114	179	402,564
Hingham,	8	227,750	36,017	70,061	564.98	67	57	124	110	153	148,076
Hudson,	27	4,255,905	3,810,068	1,288,860	599.47	1,297	853	2,150	1,321	2,690	6,430,221
Kingston,	8	266,312	140,000	74,981	599.45	112	13	125	117	134	268,579

Lee,	18	1,803,907	904,892	508,334	551.94	601	230	921	789	1,015	1,835,231
Leicester,	10	2,317,991	1,432,059	490,874	543.47	550	335	885	743	1,025	2,434,838
Leominster,	69	6,009,191	5,069,316	2,691,168	438.83	5,173	1,636	4,908	3,701	6,716	10,806,698
Bread and other bakery products,	3	13,567	45,018	15,328	766.40	20	-	20	20	30	72,476
Combs and hairpins,	22	1,499,888	1,560,749	873,473	536.20	1,169	460	1,039	1,304	2,046	3,000,079
Foundry and machine-shop products,	4	54,651	9,331	16,434	864.95	19	-	19	18	23	40,105
Other industries,	40	5,340,065	3,403,917	1,680,903	536.93	1,904	1,176	3,140	2,459	3,617	7,093,038
Lexington,	6	489,603	131,581	58,723	716.13	63	19	83	69	98	363,572
Manchester,	6	70,449	20,100	20,611	838.79	23	1	24	18	37	61,119
Mansfield,	22	1,905,117	1,396,890	390,874	543.13	992	139	721	907	1,082	2,369,702
Marblehead,	24	532,110	694,008	348,350	543.31	394	236	630	499	803	1,348,648
Boots and shoes,	10	305,333	393,353	248,635	523.43	295	210	475	417	549	730,594
Shipbuilding, wooden, including boat building,	4	74,379	16,893	30,116	745.04	27	-	27	14	47	51,062
Other industries,	10	142,498	283,736	83,609	708.55	102	16	118	68	187	570,902
Medway,	9	389,303	515,925	248,361	570.71	235	260	435	264	638	868,575
Merrimac,	6	409,044	336,847	149,668	894.67	176	10	186	74	303	737,500
Methuen,	23	4,760,109	2,899,305	896,801	454.29	1,061	1,843	1,697	1,630	2,140	4,384,963
Middleborough,	26	3,647,311	3,137,467	935,963	579.81	1,117	480	1,597	1,440	1,769	4,997,297
Milford,	43	2,595,293	2,497,180	961,456	454.45	1,160	456	1,645	1,064	2,307	4,179,889
Boots and shoes,	3	898,967	1,375,555	400,137	563.57	489	231	710	496	783	2,090,018
Bread and other bakery products,	7	18,750	62,639	10,088	730.57	14	-	14	12	15	99,261
Tobacco manufactures,	6	47,383	34,552	21,263	664.47	23	9	32	28	35	77,117
Other industries,	23	1,456,478	1,094,414	596,987	596.10	634	255	889	483	1,374	1,963,183
Millbury,	24	2,531,836	1,588,374	493,009	528.49	679	255	984	755	1,063	2,645,531
Milton,	4	82,727	67,046	24,869	487.43	33	19	51	27	65	147,775
Monson,	8	1,215,247	853,788	350,708	602.62	371	210	581	370	830	1,594,519
Montague,	16	3,697,090	1,294,851	721,831	550.63	902	409	1,211	1,153	1,450	2,612,911

X

X

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Continued.
E. FOR 119 TOWNS: BY INDUSTRIES — Continued.

TOWNS AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Both Sexes					
						Males	Females				
Natick,	33	\$2,835,641	\$3,011,361	\$671,765	\$550.19	994	297	1,291	1,083	1,474	\$4,137,791
Boots and shoes,	8	1,784,036	391,716	391,716	543.54	606	116	722	609	910	2,596,341
Other industries,	25	1,061,005	1,067,875	280,070	561.26	318	181	499	424	564	1,542,450
Needham,	19	1,666,643	866,868	377,468	547.06	849	441	690	469	809	1,793,857
Hand knit goods,	3	15,060	3,555	6,140	682.22	5	4	9	5	10	14,848
Hosiery and knit goods,	8	1,429,499	720,139	318,656	546.58	171	412	583	429	674	1,426,543
Other industries,	8	221,999	143,198	52,666	537.41	73	25	98	65	125	287,946
North Andover,	9	1,756,285	1,998,278	757,890	592.05	1,018	263	1,280	1,062	1,401	3,303,753
North Attleborough,	65	5,753,082	1,771,778	1,376,319	656.87	1,376	567	1,943	1,517	2,668	4,436,998
Jewelry,	35	3,789,194	1,088,462	807,149	659.97	911	312	1,223	938	1,585	2,643,665
Other industries,	30	1,943,888	683,316	468,170	650.24	465	255	720	579	1,003	1,693,273
North Brookfield,	8	1,162,935	777,769	213,524	505.98	265	157	422	370	498	1,114,432
North Reading,	6	146,845	104,719	44,299	681.49	59	6	65	43	75	206,314
Northborough,	4	56,571	48,299	34,655	568.11	53	3	61	43	74	105,185
Northbridge,	15	5,328,558	2,514,865	2,135,695	604.84	2,939	592	3,531	3,255	4,128	5,281,090
Norton,	6	1,062,041	208,967	283,045	542.23	349	173	522	452	631	648,672
Norwood,	22	8,548,970	6,122,569	1,545,486	688.11	1,872	374	2,246	2,073	2,475	10,547,642
Orange,	17	2,815,929	877,094	550,072	568.84	770	197	967	890	1,081	2,225,152
Oxford,	8	1,805,377	816,096	531,148	567.11	488	281	653	611	696	1,474,491
Woolen and worsted goods,	4	665,877	495,203	310,269	471.17	271	188	459	431	476	962,719
Other industries,	4	637,400	319,883	114,873	592.13	151	43	194	180	219	511,772

Palmer,	18	3,464,838	2,498,876	1,157,313	467.32	1,646	581	2,477	1,907	2,777	4,852,120
Peabody,	79	22,919,645	19,704,183	9,894,108	668.60	5,844	319	5,672	4,601	7,006	90,684,662
Boot and shoe cut stock and findings,	7	121,024	134,488	60,426	503.63	52	68	120	102	149	226,811
Leather, tanned, curried, and finished,	35	17,364,708	9,140,960	2,410,060	573.14	4,181	24	4,205	3,331	5,239	15,077,303
Other industries,	87	4,727,103	3,428,745	754,607	559.80	1,121	237	1,348	1,068	1,617	6,380,648
Pepperell,	7	1,072,008	769,749	125,767	574.28	173	46	219	189	277	1,092,966
Plainville,	6	988,402	192,753	216,153	686.20	223	92	315	224	438	875,984
Plymouth,	25	11,490,220	9,610,492	1,863,767	540.32	2,080	494	2,524	1,854	3,322	12,694,973
Randolph,	9	722,701	704,599	277,588	730.40	265	115	390	268	430	1,267,588
Raynham,	10	175,510	112,869	24,736	475.69	37	15	52	43	77	173,868
Reading,	16	1,365,871	2,080,261	286,639	616.25	261	103	384	325	487	2,623,309
Rochester,	6	70,403	38,183	12,386	515.44	25	-	25	25	38	64,010
Rockland,	20	2,840,578	4,285,432	1,159,842	630.74	1,227	576	1,812	1,262	2,512	6,461,114
Rockport,	14	614,267	318,960	249,249	679.43	361	6	267	283	469	748,044
Rowley,	8	275,567	281,885	76,390	441.49	130	44	174	140	205	428,043
Saugus,	4	64,289	21,022	9,314	716.46	12	1	13	11	23	29,982
Shelburne,	7	60,694	40,149	22,475	661.03	33	2	24	34	39	96,910
Shirley,	5	1,246,970	649,963	229,262	483.98	300	205	505	462	582	1,260,323
South Hadley,	11	1,750,781	950,711	301,150	601.10	248	153	501	350	579	1,626,974
Southbridge,	30	8,165,026	4,222,789	2,439,551	522.26	3,192	1,478	4,671	4,374	4,946	8,914,429
- Spencer,	15	1,494,935	1,507,872	585,652	574.73	776	243	1,019	580	1,187	2,680,051
Stoneham,	21	1,392,352	2,042,913	476,991	580.16	567	300	867	509	1,241	3,172,832
Stoughton,	19	2,468,966	1,862,044	681,467	567.89	866	334	1,200	926	1,492	3,514,266
Swampscott,	5	21,330	27,928	6,875	572.92	6	6	12	11	17	50,350

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1915 — Concluded.
E. FOR 119 TOWNS: BY INDUSTRIES — Concluded.

TOWNS AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Both Sexes					
						Males	Females				
Templeton,	16	\$1,663,671	\$994,681	\$411,179	\$676.69	665	48	713	554	885	\$1,825,802
Furniture,	7	786,859	299,754	204,253	565.80	343	18	361	296	467	655,738
Other industries,	9	876,812	694,927	206,926	587.86	322	30	352	258	418	1,170,124
Townsend,	7	657,722	309,274	138,360	631.78	217	2	219	161	277	559,908
Uxbridge,	11	2,634,385	1,758,601	499,565	465.58	682	391	1,073	875	1,169	2,707,015
Wakefield,	19	5,132,497	2,677,916	1,098,962	579.01	1,312	586	1,898	1,472	2,192	5,080,621
Walpole,	13	5,325,404	4,265,705	858,998	669.52	1,157	126	1,283	1,051	1,673	6,384,436
Ware,	20	2,281,518	1,922,657	982,658	406.90	1,273	1,142	2,415	1,875	2,573	3,508,455
Wareham,	13	1,248,183	545,388	386,192	610.10	604	29	633	535	722	1,188,633
Warren,	6	1,741,665	1,063,641	515,110	428.19	753	450	1,203	1,147	1,259	1,909,872
Watertown,	15	10,660,020	7,025,302	3,095,972	604.80	3,125	1,994	5,119	4,597	5,626	16,017,975
Wellesley,	6	712,601	432,632	112,846	494.94	122	106	228	141	314	643,643
West Springfield,	17	6,779,970	2,697,724	1,611,616	788.86	1,709	347	2,056	1,738	2,304	5,977,491
West Stockbridge,	9	228,445	94,452	66,478	540.47	123	—	123	65	167	205,586
Westborough,	14	761,637	581,122	247,264	542.25	158	298	456	281	642	982,106
Westfield,	75	6,715,960	2,776,194	1,667,398	669.93	2,184	455	2,639	2,434	2,915	6,517,905
Bread and other bakery products,	9	29,440	62,610	16,550	689.58	24	—	24	23	26	103,830
Tobacco manufactures,	12	194,936	147,695	84,715	588.30	79	65	144	130	156	298,742
Whips,	17	2,202,012	872,959	395,671	490.91	571	235	806	732	911	2,183,322
Other industries,	37	4,289,572	1,692,930	1,070,456	642.92	1,510	155	1,665	1,549	1,822	3,932,011

Westford,	16	2,060,945	2,529,738	463,033	515.05	573	336	899	772	1,045	3,501,028
Weymouth,	30	5,773,787	4,109,897	1,086,637	595.74	1,325	499	1,884	1,515	2,408	7,976,088
Boots and shoes,	6	2,572,074	2,057,688	750,528	605.75	875	364	1,239	1,106	1,256	3,659,038
Other industries,	24	3,201,713	2,052,009	336,109	574.55	450	135	585	409	750	4,316,990
Whitman,	19	3,213,517	2,979,222	1,134,565	620.32	1,355	474	1,839	1,247	2,113	4,726,809
Williamsburg,	10	429,436	348,262	149,680	473.67	267	49	316	233	370	670,354
Winchendon,	19	2,879,943	1,290,028	673,614	544.11	968	250	1,238	883	1,590	2,391,174
Winchester,	16	2,335,877	3,883,770	642,895	595.82	998	81	1,079	875	1,375	5,045,927
Winthrop,	5	123,233	40,465	14,674	733.70	17	3	20	16	30	76,510
All other towns,	477	72,979,766	43,166,807	14,036,532	526.12	19,137	7,543	26,680	22,726	31,414	72,475,030
TOTAL FOR THE TOWNS,	2,441	\$390,171,000	\$241,583,786	\$88,564,593	\$460.70	114,177	43,776	157,963	129,455	187,635	\$495,776,455

TABLE II. CHARACTER OF OWNERSHIP FOR 19 SELECTED INDUSTRIES — 1915.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
All Industries,	9,797	596,348	\$346,243,472	\$1,692,445,866	\$732,782,969
Individual,	4,339	39,978	24,331,472	113,684,169	54,401,432
Corporation,	3,602	500,154	288,868,728	1,404,630,238	609,267,830
Other,	1,766	56,216	33,042,271	174,130,959	69,113,647
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	44.7	6.7	7.0	6.7	7.4
Corporation,	37.1	83.9	83.4	83.0	83.2
Other,	18.2	9.4	9.6	10.3	9.4
Automobiles, including bodies and parts,	75	3,315	\$2,969,947	\$9,584,495	\$5,065,769
Individual,	24	272	208,222	714,532	455,748
Corporation,	34	3,292	2,581,024	8,335,236	4,298,955
Other,	17	251	180,701	534,637	331,066
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	32.0	7.1	7.0	7.4	9.0
Corporation,	45.3	86.3	86.9	87.0	84.5
Other,	22.7	6.6	6.1	5.6	6.5
Boots and shoes, exclusive of cut stock and findings,	444	74,548	\$45,235,273	\$204,042,623	\$80,064,865
Individual,	187	6,817	4,200,647	17,194,048	7,565,444
Corporation,	187	56,491	33,561,793	154,284,663	59,959,535
Other,	120	12,240	7,553,633	32,563,882	12,539,886
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	30.9	9.2	9.3	8.4	9.4
Corporation,	42.1	74.4	74.0	75.6	74.9
Other,	27.0	16.4	16.7	16.0	15.7
Boot and shoe cut stock and findings,	402	7,964	\$4,362,092	\$59,585,761	\$11,581,256
Individual,	194	2,259	1,190,961	11,448,387	2,343,269
Corporation,	92	3,587	2,072,867	28,774,930	5,077,142
Other,	116	2,058	1,038,264	19,362,384	3,660,945
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	48.3	28.6	27.7	19.2	24.6
Corporation,	22.9	45.4	48.2	48.3	43.8
Other,	28.8	26.0	24.1	32.5	31.6
Bread and other bakery products,	1,088	6,623	\$4,484,464	\$30,963,752	\$18,185,248
Individual,	856	2,611	1,905,293	12,449,263	5,002,859
Corporation,	70	2,842	1,757,627	12,619,374	5,696,212
Other,	162	1,170	821,544	5,895,115	2,486,277
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	78.7	39.4	42.5	40.2	37.9
Corporation,	6.4	42.9	39.2	40.8	43.2
Other,	14.9	17.7	18.3	19.0	18.9
Clothing, men's, including shirts,	269	6,841	\$3,695,725	\$19,397,093	\$9,411,595
Individual,	96	1,437	805,264	2,661,860	1,428,694
Corporation,	47	3,758	1,995,396	12,686,013	5,943,137
Other,	66	1,646	895,065	4,049,220	2,039,864
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	45.9	21.0	21.8	13.7	15.2
Corporation,	22.5	54.9	54.0	65.4	63.1
Other,	31.6	24.1	24.2	20.9	21.7

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Clothing, women's,	167	5,373	\$2,669,996	\$12,474,658	\$5,844,945
Individual,	63	1,230	650,496	2,736,023	1,321,971
Corporation,	43	2,206	1,041,308	4,637,560	2,306,664
Other,	62	1,837	1,008,192	5,111,071	2,216,320
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	37.7	23.3	24.1	21.9	22.6
Corporation,	25.1	41.8	38.6	37.1	39.5
Other,	37.2	34.9	37.3	41.0	37.9
Confectionery,	181	7,696	\$2,387,499	\$21,337,729	\$8,235,878
Individual,	54	463	223,079	1,375,448	617,253
Corporation,	54	6,338	2,580,130	19,450,837	7,439,149
Other,	23	205	84,290	561,444	229,476
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	41.2	6.6	7.7	6.4	7.4
Corporation,	41.2	90.5	89.4	90.9	89.8
Other,	17.6	2.9	2.9	2.7	2.8
Cotton goods, including cotton small wares,	197	113,223	\$52,336,707	\$197,694,533	\$87,593,743
Individual,	8	830	165,379	1,002,240	439,766
Corporation,	178	111,009	51,364,043	192,411,033	85,397,166
Other,	11	1,884	866,285	4,181,260	1,666,811
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	4.1	0.8	0.3	0.5	0.5
Corporation,	90.4	98.0	98.0	97.4	97.6
Other,	5.5	1.7	1.7	2.1	1.9
Cutlery and tools, not elsewhere specified,	140	6,730	\$4,357,607	\$15,047,760	\$10,967,370
Individual,	57	367	258,100	721,856	511,903
Corporation,	63	6,222	4,003,658	14,063,387	10,284,660
Other,	20	141	95,864	272,517	190,807
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	40.7	5.5	5.9	4.8	4.7
Corporation,	45.0	92.5	91.9	93.4	93.6
Other,	14.3	2.0	2.2	1.8	1.7
Electrical machinery, apparatus, and supplies,	90	17,343	\$11,596,027	\$43,335,337	\$24,666,476
Individual,	17	507	252,321	1,534,280	724,171
Corporation,	69	16,782	11,305,320	41,663,325	23,868,807
Other,	4	53	28,386	144,732	73,498
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	18.9	2.9	2.2	3.5	2.9
Corporation,	76.7	96.8	97.6	96.1	96.8
Other,	4.4	0.3	0.2	0.4	0.3
Foundry and machine-shop products,¹	776	45,640	\$32,822,216	\$108,969,777	\$63,996,402
Individual,	246	1,931	1,348,741	6,387,384	5,231,733
Corporation,	409	40,928	29,472,694	93,418,764	56,611,260
Other,	121	2,780	2,046,781	4,164,579	2,153,409
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	31.7	4.2	4.1	6.1	8.2
Corporation,	52.7	89.7	89.7	89.9	88.4
Other,	15.6	6.1	6.2	4.0	3.4

¹ Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and heating apparatus; and structural ironwork.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Furniture and refrigerators,	129	6,231	\$3,676,728	\$12,396,953	\$7,152,096
Individual,	40	474	271,909	964,575	574,276
Corporation,	59	4,949	2,919,475	9,667,955	5,662,547
Other,	31	808	485,344	1,764,423	915,755
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	30.8	7.6	7.4	7.8	8.0
Corporation,	45.4	79.4	79.4	78.2	79.2
Other,	23.8	13.0	13.2	14.0	12.8
Household and knit goods,	59	9,394	\$4,591,715	\$17,315,347	\$7,943,210
Individual,	9	206	88,371	496,591	226,817
Corporation,	42	8,931	4,032,661	14,464,195	6,676,355
Other,	8	729	380,683	2,254,461	940,038
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	15.3	2.1	2.0	2.9	2.9
Corporation,	71.2	90.5	89.6	84.0	85.1
Other,	13.5	7.4	8.4	13.1	12.0
Jewelry,	159	5,177	\$3,260,977	\$13,179,396	\$6,349,352
Individual,	42	564	383,733	1,399,493	740,063
Corporation,	65	2,876	1,784,903	7,043,747	3,347,040
Other,	52	1,737	1,092,341	4,727,655	2,262,249
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	26.4	10.9	11.8	10.6	11.7
Corporation,	40.9	55.5	54.7	53.5	52.7
Other,	32.7	33.6	33.5	35.9	35.6
Leather, tanned, curried, and finished,	123	19,185	\$5,961,472	\$45,323,396	\$15,263,196
Individual,	35	1,028	620,878	2,908,918	1,399,604
Corporation,	62	7,952	4,648,449	37,308,820	12,285,923
Other,	25	1,205	712,145	5,168,660	1,577,581
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	28.7	10.1	10.4	6.4	9.2
Corporation,	50.8	78.1	77.7	82.2	80.5
Other,	20.5	11.8	11.9	11.4	10.3
Musical instruments, pianos and organs, and materials,	47	3,697	\$2,343,829	\$7,565,525	\$4,236,192
Individual, ¹	13	117	87,706	313,463	162,926
Corporation,	34	3,490	2,256,114	7,252,062	4,073,176
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	27.7	3.2	3.7	4.1	3.9
Corporation,	72.3	96.8	96.3	95.9	96.1
Paper and wood pulp, . . .	96	13,147	\$7,399,563	\$44,969,579	\$18,391,975
Individual,	4	85	46,112	233,033	122,398
Corporation,	71	11,483	6,375,304	36,582,354	15,155,890
Other,	11	1,579	969,153	7,245,192	3,023,667
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	4.7	0.6	0.6	0.5	0.7
Corporation,	83.6	87.3	86.3	83.0	82.8
Other,	12.7	12.1	13.1	16.5	16.5

¹ Two partnerships included in order to avoid disclosing the operations of individual establishments.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Concluded.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Slaughtering and meat packing, including sausage, .	94	3,478	\$3,193,596	\$49,573,419	\$4,949,563
Individual,	48	192	134,969	2,319,500	381,941
Corporation,	22	3,187	1,986,232	45,093,535	4,307,675
Other,	14	94	72,506	1,565,384	159,947
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	57.1	5.5	6.2	4.7	7.9
Corporation,	26.2	91.8	90.6	93.2	88.8
Other,	16.7	2.7	3.2	3.1	3.3
Woolen, worsted, and felt goods,	108	53,368	\$36,967,146	\$148,638,515	\$53,543,096
Individual,	21	1,563	816,677	3,714,493	1,711,163
Corporation,	123	47,306	23,247,363	127,963,533	47,213,926
Other,	24	4,501	2,303,300	11,960,490	4,622,997
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	12.5	2.9	3.1	2.6	3.2
Corporation,	78.2	88.6	88.2	86.1	88.2
Other,	14.3	8.5	8.7	8.3	8.6

TABLE III. WAGE-EARNERS.
AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915.

Industries and Sex.	Average Number Em- ployed	January	February	March	April	May	June	July	August	September	October	November	December
THE STATE.													
Males,	596,348	567,502	575,765	584,116	581,950	580,479	581,699	581,220	593,754	604,764	624,313	636,677	645,391
Females,	413,017	390,883	396,093	401,199	400,577	402,159	404,600	407,096	414,563	421,115	431,409	440,241	447,814
183,331	176,619	179,672	182,917	181,373	178,320	179,191	177,099	174,124	179,191	183,639	192,904	196,436	197,577
Agricultural Implements.													
Males,	324	318	329	343	332	304	313	282	300	312	298	375	435
Females,	324	318	329	343	282	304	313	282	300	312	298	375	435
Artificial Limbs.													
Males,	26	25	24	25	24	26	23	25	24	27	24	25	24
Females,	24	23	22	23	22	24	21	23	22	25	22	23	22
2	2	2	2	2	2	2	2	2	2	2	2	2	2
Artificial Stone Products.													
Males,	350	258	253	305	334	351	386	390	394	406	409	364	324
Females,	350	258	253	305	334	351	386	390	394	406	409	364	324
Automobiles, including Bodies and Parts.													
Males,	3,815	2,776	3,098	3,473	3,631	3,928	4,164	4,262	3,817	3,995	4,141	4,165	4,368
Females,	3,778	2,763	3,071	3,444	3,599	3,897	4,126	4,216	3,772	3,962	4,098	4,125	4,327
37	22	27	29	32	31	38	36	45	43	40	43	40	39

TABLE III. WAGE-EARNERS — Continued.
AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

Industries and Sex.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Boot and Shoe Cut Stock and Findings.													
Males,	7,904	7,838	7,979	7,963	7,805	7,160	6,880	7,266	7,687	8,025	8,224	8,811	9,391
Females,	5,533	5,547	5,592	5,536	5,269	4,981	4,810	5,068	5,368	5,638	5,761	6,203	6,580
	2,371	2,341	2,387	2,416	2,336	2,179	2,070	2,188	2,319	2,387	2,473	2,608	2,711
Boots and Shoes.													
Males,	71,543	71,390	75,108	74,765	70,325	69,355	69,529	70,940	75,198	74,386	75,155	79,499	82,887
Females,	48,876	48,807	49,045	48,890	46,138	45,137	46,044	47,166	50,032	49,631	49,479	52,162	54,540
	25,672	25,573	26,057	25,875	24,187	23,218	23,485	23,774	25,166	25,255	25,676	27,337	28,397
Boots and Shoes, Rubber.													
Males,	9,374	8,433	9,039	9,332	9,178	9,371	9,444	9,089	8,850	9,395	9,505	9,791	10,114
Females,	5,244	5,008	5,232	5,326	5,188	5,162	5,239	5,073	5,019	5,242	5,331	5,435	5,667
	4,030	3,425	3,807	4,006	3,990	4,109	4,205	4,016	3,831	4,053	4,174	4,306	4,447
Boxes, Cigar.													
Males,	179	178	174	175	177	177	177	177	181	184	182	186	186
Females,	87	87	86	86	86	86	87	87	86	88	87	87	87
	92	91	88	89	91	91	90	90	95	96	95	99	99
Boxes, Fancy and Paper.													
Males,	4,012	3,992	3,980	3,963	3,915	3,913	3,809	3,750	3,864	3,955	4,224	4,374	4,414
Females,	1,464	1,443	1,441	1,448	1,464	1,455	1,429	1,416	1,423	1,440	1,513	1,533	1,532
	2,548	2,549	2,539	2,510	2,451	2,458	2,377	2,334	2,441	2,515	2,711	2,841	2,882
Boxes, Wooden Packing.													
Males,	3,236	3,166	3,163	3,219	3,183	3,189	3,183	3,078	3,065	3,158	3,343	3,499	3,665
Females,	2,979	2,909	2,921	2,978	2,942	2,907	2,889	2,852	2,834	2,905	3,089	3,229	3,381
	247	257	242	241	241	232	234	226	231	247	254	270	274

Brass, Bronze, and Copper Products.		1,949	1,978	1,718	1,745	1,787	1,876	1,945	2,080	2,067	2,049	2,110	2,178	2,249
Males,		1,915	1,680	1,701	1,719	1,691	1,840	1,835	1,991	2,036	2,029	2,080	2,142	2,218
Females,		34	42	41	36	36	36	30	29	31	30	30	30	31
Bread and Other Bakery Products.		6,883	6,583	6,480	6,517	6,408	6,537	6,641	6,678	6,643	6,651	6,636	6,636	6,790
Males,		5,602	5,532	5,532	5,576	5,611	5,636	5,715	5,730	5,689	5,710	5,680	5,806	5,864
Females,		931	941	928	942	881	901	926	948	879	941	976	900	936
Brick and Tile.		1,018	533	510	529	870	1,555	1,453	1,653	1,481	1,399	1,068	751	617
Males,		994	512	490	510	882	1,339	1,438	1,508	1,466	1,382	1,049	731	594
Females,		18	21	20	19	18	16	15	15	15	17	17	20	23
Brooms.		113	108	118	118	114	113	110	118	108	108	114	110	111
Males,		106	100	106	106	108	106	103	105	102	102	108	103	106
Females,		7	8	7	7	6	7	7	7	6	6	6	7	6
Brushes.		1,803	1,864	1,466	1,447	1,488	1,449	1,431	1,486	1,480	1,395	1,316	1,318	1,310
Males,		630	665	617	613	599	598	592	592	636	647	674	680	664
Females,		573	599	549	534	529	551	539	534	554	578	643	632	646
Butter.		37	36	38	38	37	38	38	39	39	38	38	37	37
Males,		37	38	38	38	37	38	38	39	39	38	38	37	37
Females,		-	-	-	-	-	-	-	-	-	-	-	-	-
Buttons.		657	448	408	515	648	870	648	717	764	768	733	733	808
Males,		253	180	189	198	226	224	233	276	278	282	297	304	316
Females,		404	278	317	317	323	346	400	441	486	486	486	478	486

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Canning and Preserving.													
Males,	1,717	1,855	1,784	1,656	1,532	1,458	1,581	1,600	1,646	1,788	1,938	1,934	1,830
Females,	391	370	360	372	347	372	381	376	390	400	465	443	408
Carpets and Rugs, Other than Rag.													
Males,	4,638	4,777	4,822	4,718	4,712	4,701	4,761	3,842	4,553	4,492	4,653	4,886	4,806
Females,	2,754	2,803	2,847	2,797	2,811	2,841	2,850	2,426	2,688	2,657	2,680	2,808	2,844
Carpets, Rag.													
Males,	111	91	72	76	119	130	137	124	118	121	117	105	90
Females,	99	82	64	68	105	115	122	113	108	107	105	94	88
Carriages and Sleds, Children's.													
Males,	1,129	1,143	1,180	1,210	1,301	1,162	1,066	912	957	1,049	1,204	1,231	1,233
Females,	1,008	1,021	1,057	1,083	1,070	1,044	961	822	857	934	1,070	1,085	1,037
Carriages and Wagons, and Materials.													
Males,	1,111	1,022	1,076	1,199	1,290	1,207	1,243	1,140	1,087	1,000	988	974	956
Females,	1,110	1,021	1,075	1,198	1,289	1,296	1,242	1,139	1,086	999	987	973	965
Cars and General Shop Construction and Repairs by Steam Railroad Companies.													
Males,	6,249	6,389	6,355	6,339	6,341	6,444	6,306	6,165	6,148	5,973	6,068	6,203	6,229
Females,	6,234	6,315	6,340	6,322	6,326	6,426	6,379	6,151	6,134	5,988	6,053	6,190	6,216
	15	14	15	17	15	18	17	14	14	15	15	13	13

Chemicals.	1,748	1,343	1,393	1,400	1,385	1,349	1,691	1,385	1,335	1,359	2,078	2,104	2,392
Males,	1,638	1,235	1,249	1,284	1,408	1,537	1,557	1,722	1,738	1,747	1,909	2,010	2,313
Females,	108	108	114	116	117	112	104	103	107	106	109	96	115
Cleansing and Polishing Preparations.	65	63	66	70	66	66	61	53	59	63	66	67	73
Males,	51	50	52	56	53	52	47	45	46	50	52	54	55
Females,	14	13	14	14	14	14	14	13	13	13	14	13	17
Cloth, Sponging and Redfinishing.	44	45	43	43	49	43	44	43	43	45	47	43	43
Males,	44	45	43	43	42	42	44	42	42	45	47	43	43
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Clothing, Men's.	5,154	5,024	5,243	5,531	5,043	5,063	4,978	5,055	4,906	5,136	5,331	5,309	5,100
Males,	2,485	2,465	2,501	2,531	2,376	2,410	2,353	2,436	2,430	2,479	2,611	2,599	2,496
Females,	2,669	2,559	2,747	2,800	2,672	2,652	2,595	2,619	2,536	2,647	2,720	2,710	2,605
Clothing, Women's.	5,373	4,561	5,370	5,703	5,839	5,775	5,433	4,838	4,708	5,339	5,708	5,353	4,770
Males,	1,274	1,129	1,309	1,426	1,454	1,363	1,248	1,078	1,233	1,242	1,431	1,297	1,084
Females,	3,999	3,433	3,961	4,277	4,375	4,413	4,224	3,760	3,465	3,990	4,258	4,055	3,686
Coffee and Spice, Roasting and Grinding.	447	444	444	449	444	449	444	443	453	445	441	443	441
Males,	272	266	270	270	272	269	270	273	277	274	276	276	279
Females,	175	178	174	172	172	173	174	176	176	181	177	177	183
Coffins, Burial Cases, and Undertakers' Goods.	359	357	364	365	376	367	363	363	354	360	353	354	353
Males,	317	316	324	325	334	326	322	317	315	307	311	312	309
Females,	42	41	40	40	42	41	41	41	39	43	42	42	43

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Combs and Hairpins.													
Males,	2,120	1,851	1,909	2,011	1,897	1,950	1,915	1,984	2,194	2,345	2,486	2,515	2,332
Females,	1,513	1,277	1,340	1,417	1,353	1,384	1,349	1,415	1,596	1,700	1,783	1,812	1,732
	607	574	569	594	544	566	566	569	598	645	703	703	650
Confectionery.													
Males,	7,006	6,623	6,651	6,504	6,313	6,422	6,460	5,985	6,783	7,554	8,382	8,431	7,997
Females,	1,899	1,797	1,894	1,857	1,816	1,826	1,812	1,673	1,819	1,951	2,148	2,161	2,027
	5,107	4,826	4,767	4,647	4,497	4,596	4,648	4,312	4,964	5,603	6,234	6,270	5,940
Confectionery (Ice Cream).													
Males,	448	333	354	346	408	500	577	615	612	552	400	544	389
Females,	432	324	325	337	393	482	556	591	590	532	389	335	330
	16	9	9	9	15	18	21	24	22	20	11	9	9
Cooperage.													
Males,	763	880	785	753	795	757	764	744	780	719	769	746	780
Females,	763	820	785	753	795	757	764	744	730	719	769	746	780
	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper, Tin, and Sheet-Iron Products.													
Males,	2,634	2,250	2,269	2,414	2,593	2,673	2,776	2,832	2,732	2,798	2,756	2,705	2,760
Females,	2,536	2,166	2,209	2,328	2,502	2,572	2,665	2,702	2,678	2,689	2,667	2,602	2,661
	98	84	90	86	91	101	111	120	104	* 109	89	103	89
Cordage and Twine, and Jute Goods.													
Males,	5,174	4,986	4,962	5,023	5,166	5,436	5,597	5,641	5,340	5,167	5,133	4,989	4,838
Females,	3,139	2,852	2,878	2,882	3,063	3,374	3,852	3,617	3,309	3,143	3,129	2,913	2,946
	2,035	2,084	2,084	2,141	2,113	2,062	2,015	2,024	2,031	2,024	2,004	1,916	1,907

Corsets.		2,148	2,080	2,157	2,311	2,128	2,555	2,598	2,493	2,538	2,604	2,535	2,488
Males,		308	284	293	301	308	304	306	323	318	313	308	314
Females,		2,140	1,796	1,864	2,010	2,122	2,231	2,292	2,170	2,220	2,291	2,227	2,174
Cotton Goods.		112,281	108,878	109,787	111,464	111,903	111,880	112,272	111,835	111,783	114,640	112,753	112,768
Males,		60,632	58,963	59,522	60,290	60,419	60,441	60,528	60,302	60,106	61,716	62,562	62,637
Females,		51,589	49,615	50,265	51,174	51,484	51,379	51,744	51,533	51,043	52,924	53,171	53,131
Cotton Small Wares.		1,008	845	878	895	921	917	961	1,009	1,063	1,111	1,168	1,208
Males,		402	345	357	363	365	363	381	414	418	452	466	496
Females,		600	510	521	542	556	554	570	595	633	659	690	706
Cutlery and Tools, not elsewhere Specified.		6,730	6,445	6,690	6,566	6,871	6,301	6,532	6,454	6,696	7,221	7,448	7,696
Males,		6,033	5,772	5,928	5,701	5,628	5,663	5,894	5,776	6,030	6,449	6,646	6,874
Females,		698	671	695	685	643	639	648	688	666	772	796	822
Dental Goods.		51	51	51	51	51	51	53	51	50	50	51	51
Males,		40	40	40	40	40	40	41	40	39	39	40	40
Females,		11	11	11	11	11	11	11	11	11	11	11	11
Dyeing and Finishing Textiles.		11,586	10,806	10,915	11,648	11,369	11,584	11,453	11,486	11,537	12,168	12,530	12,903
Males,		9,489	8,939	8,996	9,176	9,266	9,463	9,383	9,236	9,249	9,363	9,569	10,530
Females,		2,106	1,866	1,919	2,066	2,067	2,071	2,050	2,111	2,088	2,207	2,335	2,373
Dyestuffs and Extracts.		145	136	134	135	137	145	139	136	138	148	164	176
Males,		140	133	129	128	132	138	136	135	137	147	162	174
Females,		3	3	5	5	5	5	3	1	1	1	2	2

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	February	March	April	May	June	July	August	September	October	November	December
Electrical Machinery, Apparatus, and Supplies.													
Males,	17,342	15,842	15,431	15,720	16,316	17,026	17,592	17,861	17,723	18,420	18,279	18,841	19,491
Females,	13,951	12,369	12,418	12,600	13,133	13,735	14,192	14,459	14,359	14,851	14,616	15,028	15,624
	3,391	2,973	3,013	3,120	3,183	3,291	3,400	3,402	3,364	3,569	3,663	3,813	3,927
Electroplating.													
Males,	244	230	230	242	230	238	238	231	235	243	255	272	263
Females,	234	222	220	232	221	229	227	220	224	233	244	262	254
	10	8	10	10	9	9	11	11	11	10	11	10	9
Enameling and Japanning.													
Males,	143	122	135	142	140	137	142	151	133	144	147	150	155
Females,	99	81	92	98	101	97	107	101	95	97	97	100	105
	44	41	41	44	39	40	41	50	38	47	50	50	50
Engraving and Diesinking.													
Males,	149	162	161	159	150	142	143	142	140	145	149	150	158
Females,	141	153	152	150	141	133	134	134	132	137	141	142	145
	8	9	9	9	9	9	9	8	8	8	8	8	8
Engraving, Steel and Copper Plate, in- cluding Plate Printing.													
Males,	369	388	375	361	364	359	371	349	339	352	360	369	422
Females,	230	232	229	228	231	228	238	223	217	220	228	229	247
	139	156	146	133	133	131	133	126	122	132	132	140	175
Envelopes.													
Males,	1,961	1,926	1,941	1,982	1,947	2,009	1,867	1,940	1,822	1,863	2,058	2,034	2,149
Females,	669	678	668	670	666	686	646	678	637	646	694	675	707
	1,292	1,248	1,273	1,312	1,281	1,323	1,221	1,262	1,185	1,217	1,364	1,359	1,443

Fancy Articles, not elsewhere Specified.		771	799	658	611	561	677	698	766	794	944	881	885	991
Males,		372	381	365	357	334	350	356	353	346	359	404	416	451
Females,		399	418	293	254	237	327	343	404	448	585	477	490	540
Felt Goods.		779	763	766	717	715	761	719	689	714	683	690	691	699
Males,		657	646	637	604	629	648	607	583	596	695	735	764	761
Females,		122	117	119	113	114	113	112	107	118	137	145	137	131
Firearms.		2,391	1,581	1,551	1,618	1,663	1,819	2,559	2,751	2,543	2,893	3,049	3,178	3,433
Males,		2,377	1,574	1,541	1,601	1,649	1,803	2,544	2,735	2,531	2,876	3,034	3,161	3,467
Females,		14	7	10	11	14	16	15	16	14	16	15	17	16
Flavoring Extracts.		112	99	100	103	116	123	123	123	121	108	110	107	111
Males,		47	43	43	44	48	50	48	40	49	44	45	46	49
Females,		65	56	57	59	67	73	75	74	72	63	65	61	62
Flour-Mill and Gristmill Products.		127	126	128	128	126	125	125	126	126	127	127	128	128
Males,		127	126	128	128	126	125	125	126	126	127	127	128	128
Females,		-	-	-	-	-	-	-	-	-	-	-	-	-
Food Preparations.		419	495	544	471	438	377	351	357	380	334	357	393	464
Males,		323	374	398	346	330	295	276	276	287	303	308	308	351
Females,		96	121	146	125	108	82	75	79	73	81	83	84	113
Foundry and Machine-Shop Products.		28,585	32,513	33,331	31,900	31,913	36,198	37,995	39,519	40,316	41,590	42,363	43,368	44,798
Males,		38,029	32,008	32,879	33,988	34,425	36,080	37,964	38,949	39,740	41,016	41,774	43,650	45,198
Females,		556	505	502	511	517	538	561	570	576	574	589	605	599

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	February	March	April	May	June	July	August	September	October	November	December
Fur Goods.	145	139	106	85	98	115	136	155	157	177	204	217	206
Males,	71	67	55	45	49	62	68	66	71	85	94	96	99
Females,	74	72	50	40	43	53	68	89	86	92	110	121	107
Furnishing Goods, Men's.	290	245	322	416	411	338	357	357	306	328	415	432	438
Males,	76	58	71	78	83	88	91	91	70	67	69	75	73
Females,	314	287	311	338	328	294	266	266	296	315	346	357	365
Furniture.	6,123	5,949	6,121	6,101	6,097	6,017	5,901	5,210	5,774	5,966	6,329	6,677	6,769
Males,	5,546	5,323	5,543	5,537	5,534	5,437	5,320	5,360	5,330	5,409	5,802	6,074	6,123
Females,	577	567	553	574	563	590	581	550	544	557	580	603	647
Galvanizing.	11	14	9	10	11	13	13	13	11	11	11	10	10
Males,	11	14	9	10	11	13	13	13	11	11	11	10	10
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Gas and Electric Fixtures.	137	154	130	129	129	129	128	122	121	145	153	149	157
Males,	135	131	127	127	127	127	127	121	120	143	149	146	154
Females,	2	3	3	2	2	2	1	1	2	2	3	3	3
Gas, Illuminating and Heating.	2,347	2,365	2,198	2,177	2,278	2,405	2,409	2,432	2,364	2,346	2,452	2,452	2,337
Males,	2,347	2,365	2,198	2,177	2,278	2,405	2,403	2,432	2,364	2,346	2,452	2,452	2,337
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-

Glass Cutting, Staining, and Ornamenting.														
Males,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Glue.														
Males,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Gold and Silver, Leaf and Foil.														
Males,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Gold and Silver, Reducing and Refining, not from the Ore.														
Males,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Grease and Tallow.														
Males,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Hand Stamps and Stencils and Brands.														
Males,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Hardware.														
Males,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.	.	.	.	.	.

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

Industries and Sex.	Average Number Em- ployed	January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Hats and Caps, Other than Felt, Straw, and Wool.													
Males,	266	245	238	247	251	269	264	251	258	281	285	266	248
Females,	174	166	158	164	171	178	173	167	179	194	197	183	174
	82	79	80	83	80	81	81	84	79	87	88	83	84
Hats, Fur-Felt.													
Males,	966	1,040	1,004	1,019	979	910	889	899	891	953	963	962	963
Females,	536	604	579	582	561	517	499	499	485	509	543	523	527
	420	436	425	437	418	393	390	400	406	424	440	439	436
Hats, Straw.													
Males,	2,298	3,764	3,964	3,982	3,447	1,960	1,369	1,064	1,400	1,392	1,366	1,498	2,487
Females,	836	1,216	1,283	1,287	1,137	712	563	502	619	647	632	633	823
	1,462	2,548	2,671	2,695	2,310	1,248	796	552	781	745	754	865	1,614
Hosiery and Knit Goods.													
Males,	9,266	9,407	9,491	9,632	9,649	9,680	9,391	9,131	9,374	9,363	10,416	10,235	10,217
Females,	3,393	3,254	3,272	3,206	3,315	3,290	3,402	3,198	3,418	3,433	3,577	3,596	3,483
	6,473	6,153	6,219	6,315	6,334	6,390	6,489	5,939	6,456	6,420	6,539	6,969	7,165
House-Furnishing Goods, not elsewhere Specified.													
Males,	604	585	561	614	643	643	623	573	574	580	629	640	633
Females,	388	361	376	386	412	410	406	378	376	373	397	390	391
	216	164	185	228	233	232	217	195	196	207	223	250	244
Ice, Manufactured.													
Males,	48	36	38	45	49	55	53	55	48	49	50	44	48
Females,	46	36	38	45	49	55	53	53	43	49	50	44	43
	-	-	-	-	-	-	-	-	-	-	-	-	-

Instruments, Professional and Scientific.	576	558	636	640	669	676	477	535	538	564	552	568	481
Males,	511	519	564	560	588	592	438	476	486	481	482	483	459
Females,	65	63	72	80	81	84	39	59	70	73	70	70	32
Iron and Steel, Steel Works and Rolling Mills.	2,772	2,111	2,340	2,448	2,518	2,608	2,678	2,868	3,081	3,071	2,068	3,186	3,337
Males,	2,685	2,043	2,299	2,376	2,438	2,524	2,586	2,771	2,920	2,974	2,978	3,107	3,230
Females,	87	63	71	72	80	84	92	97	101	97	90	89	107
Iron and Steel, Bolts, Nuts, Washers and Rivets, not made in Steel Works or Rolling Mills.	1,280	1,241	1,363	1,323	1,196	1,196	1,307	1,110	1,316	1,265	1,239	1,247	1,287
Males,	987	923	935	923	903	888	831	791	884	886	902	908	980
Females,	323	319	327	290	293	307	326	319	323	339	337	344	327
Iron and Steel Forgings.	269	680	683	710	701	722	635	943	979	973	861	1,069	1,070
Males,	333	665	657	686	677	686	808	919	960	943	932	1,009	1,035
Females,	27	25	25	24	24	24	27	20	20	20	29	27	35
Iron and Steel, Nails and Spikes, Cut and Wrought, including Wire Nails, not made in Steel Works or Rolling Mills.	1,255	1,242	1,242	1,275	1,216	1,216	1,301	1,211	1,263	1,416	1,461	1,494	1,540
Males,	1,019	944	963	971	996	1,001	1,001	1,003	1,038	1,044	1,072	1,104	1,125
Females,	326	296	296	304	319	315	300	306	327	371	389	390	415
Jewelry.	6,177	5,804	4,780	4,417	4,519	4,782	4,751	4,664	4,892	5,488	6,197	6,195	6,246
Males,	2,480	2,574	2,940	3,073	3,064	3,212	3,246	3,129	3,204	3,685	4,097	4,076	4,140
Females,	1,987	1,630	1,540	1,474	1,465	1,514	1,505	1,535	1,688	1,803	2,100	2,119	2,116

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Jewelry and Instrument Cases.													
Males,	340	304	309	337	341	339	341	339	333	347	365	374	373
Females,	110	98	103	109	108	107	105	105	111	113	121	123	124
	230	306	306	228	233	232	236	224	221	224	244	251	249
Labels and Tags.													
Males,	26	27	27	26	26	29	28	29	25	26	26	26	26
Females,	16	17	17	16	16	17	17	13	17	16	16	16	16
	10	10	10	10	10	12	11	11	8	10	10	10	10
Lamps and Reflectors.													
Males,	289	241	255	299	299	300	273	296	291	297	293	307	285
Females,	237	222	234	266	262	265	252	266	251	250	249	270	285
	32	19	21	33	37	35	26	30	30	37	39	37	40
Laths.													
Males,	310	346	335	797	795	745	796	331	331	773	733	337	334
Females,	799	833	831	790	783	736	756	800	805	765	780	819	832
	11	13	14	7	7	7	10	21	16	8	8	8	12
Leather Goods, not elsewhere Specified.													
Males,	383	297	330	340	374	359	409	370	349	384	449	437	474
Females,	191	167	175	180	192	181	201	194	184	196	215	215	212
	192	130	155	190	182	178	203	176	165	189	234	272	262
Leather, Tanned, Curried, and Finished.													
Males,	10,135	9,543	9,894	9,838	9,659	9,213	9,469	9,333	10,454	10,963	10,313	10,990	11,536
Females,	10,061	9,995	9,765	9,728	9,517	9,118	9,377	9,336	10,348	10,539	10,671	10,309	11,372
	124	147	129	110	122	94	92	97	106	124	147	151	164

Lime.		508	409	437	491	529	575	499	498	531	569	567	551	454
Males,	.	508	409	437	491	529	575	499	498	531	569	567	551	454
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Linon Goods.		1,454	1,663	1,631	1,586	1,475	838	1,356	1,369	1,371	1,337	1,344	1,080	1,450
Males,	.	1,454	1,663	1,631	1,586	1,475	838	1,356	1,369	1,371	1,337	1,344	1,080	1,450
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Liquors, Distilled.		107	98	90	93	98	98	99	106	113	139	130	118	180
Males,	.	107	98	90	93	98	98	99	106	113	139	130	118	180
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Liquors, Malt.		2,024	1,968	1,894	1,946	1,989	2,043	2,068	2,110	2,115	2,063	2,071	2,015	2,001
Males,	.	2,024	1,968	1,894	1,946	1,989	2,043	2,068	2,110	2,115	2,063	2,071	2,015	2,001
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Lithographing.		1,159	1,443	1,196	1,183	1,169	1,137	1,137	1,171	1,188	1,217	1,237	1,241	1,216
Males,	.	1,159	1,443	1,196	1,183	1,169	1,137	1,137	1,171	1,188	1,217	1,237	1,241	1,216
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Looking-Glass and Picture Frames.		128	125	124	124	125	124	121	115	116	124	131	141	144
Males,	.	128	125	124	124	125	124	121	115	116	124	131	141	144
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Lumber and Timber Products.		974	969	939	1,045	1,079	1,037	957	870	825	965	1,001	973	989
Males,	.	974	969	939	1,045	1,079	1,037	957	870	825	965	1,001	973	989
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
		966	921	931	1,047	1,071	1,039	949	862	877	937	903	964	961
Males,	.	966	921	931	1,047	1,071	1,039	949	862	877	937	903	964	961
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
		8	8	8	8	8	8	8	8	8	8	8	9	8
Males,	.	8	8	8	8	8	8	8	8	8	8	8	9	8
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	February	March	April	May	June	July	August	September	October	November	December
Lumber, Planing-Mill Products.													
Males,	3,004	2,830	2,765	2,906	3,043	3,114	3,152	3,131	3,161	3,301	3,167	3,085	2,999
Females,	3,000	2,826	2,761	2,902	3,039	3,110	3,148	3,127	3,157	3,197	3,163	3,081	2,995
	4	4	4	4	4	4	4	4	4	4	4	4	4
Marble and Stone Work.													
Males,	2,432	2,376	2,168	2,442	2,685	2,684	2,458	2,450	2,374	2,445	2,421	2,470	2,327
Females,	2,432	2,376	2,166	2,442	2,685	2,584	2,458	2,450	2,374	2,445	2,421	2,470	2,327
	-	-	-	-	-	-	-	-	-	-	-	-	-
Mattresses and Spring Beds.													
Males,	699	624	639	670	701	743	750	739	704	713	709	679	678
Females,	542	483	498	524	543	579	586	580	556	558	551	526	516
	157	141	141	146	158	164	164	159	148	155	158	153	156
Millinery and Lace Goods.													
Males,	1,532	1,387	1,600	1,664	1,573	1,417	1,379	1,188	1,272	1,412	1,391	1,437	1,518
Females,	244	233	283	249	237	209	177	161	176	187	183	212	222
	1,288	1,154	1,347	1,415	1,336	1,208	1,102	1,027	1,096	1,225	1,208	1,275	1,296
Mineral and Soda Waters.													
Males,	463	353	356	396	462	546	538	614	606	526	405	346	355
Females,	453	346	349	389	453	537	574	601	594	517	396	340	359
	10	7	7	7	9	9	12	13	12	9	9	6	6
Mirrors.													
Males,	121	113	115	117	119	118	118	119	121	121	125	134	139
Females,	121	113	115	117	119	118	118	119	121	121	125	134	139
	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Paper and Wood Pulp.													
Males,	13,147	13,065	13,418	13,269	13,072	13,313	12,977	12,716	12,553	12,733	13,340	13,505	13,787
Females,	9,273	9,195	9,366	9,249	9,187	9,370	9,150	9,046	8,998	9,076	9,408	9,535	9,701
	3,874	3,870	4,052	4,010	3,885	3,943	3,827	3,669	3,555	3,657	3,932	3,980	4,066
Paper Goods, not elsewhere Specified.													
Males,	3,742	3,693	3,529	3,515	3,548	3,647	3,666	3,628	3,713	3,662	3,943	4,042	4,171
Females,	2,126	2,070	2,058	2,073	2,072	2,089	2,093	2,051	2,095	2,148	2,218	2,258	2,298
	1,616	1,533	1,471	1,442	1,476	1,558	1,563	1,577	1,618	1,814	1,725	1,784	1,873
Patent Medicines and Compounds, and Druggists' Preparations.													
Males,	1,553	1,168	1,216	1,266	1,303	1,310	1,265	1,243	1,304	1,364	1,509	1,655	1,559
Females,	635	582	604	626	631	619	611	594	601	623	661	697	674
	718	580	612	660	672	691	654	649	703	741	848	938	885
Photographic Apparatus and Materials.													
Males,	36	33	34	37	39	43	42	42	37	29	30	30	23
Females,	25	23	24	26	28	29	29	30	26	20	21	20	20
	11	10	10	11	11	14	13	12	11	9	9	10	8
Photo-Engraving.													
Males,	441	443	448	456	463	457	454	432	423	424	421	421	427
Females,	403	406	412	417	422	416	414	394	386	388	385	386	389
	38	37	36	39	41	41	40	38	37	36	36	35	38
Plumbers' Supplies.													
Males,	603	635	649	665	653	640	624	608	578	553	544	569	578
Females,	567	592	604	619	605	589	575	566	542	518	508	534	546
	41	43	45	46	48	51	49	42	36	37	36	35	32

Footstools.		273	243	296	264	243	264	240	239	243	297	319	236
Males,		96	93	107	104	92	104	91	87	80	92	99	103
Females,		183	160	189	180	166	180	173	153	153	205	220	232
Pottery.		139	126	160	158	160	168	141	128	125	165	165	166
Males,		140	137	139	138	131	141	124	134	133	145	149	150
Females,		19	19	21	20	21	21	17	18	17	16	16	16
Printing and Publishing.		9,363	10,121	10,225	10,196	9,371	10,067	9,334	9,531	9,387	10,053	10,078	10,064
Males,		7,870	8,028	8,043	8,032	7,873	7,949	7,760	7,540	7,490	7,961	7,991	7,978
Females,		2,062	2,123	2,182	2,164	2,098	2,108	2,074	1,991	1,897	2,107	2,081	2,106
Refrigerators.		108	108	115	124	127	117	124	109	75	83	108	116
Males,		108	106	115	124	127	117	124	109	75	83	103	115
Females,		-	-	-	-	-	-	-	-	-	-	-	-
Rubber Goods, not elsewhere Specified.		5,073	4,061	4,330	4,778	4,998	4,733	5,108	5,378	5,456	5,778	5,835	5,069
Males,		4,437	3,378	3,550	4,103	4,331	4,135	4,507	4,706	4,839	5,041	5,094	4,342
Females,		651	683	671	676	666	598	599	572	596	641	761	717
Saddlery and Harness.		259	353	424	314	324	261	410	211	145	148	161	163
Males,		239	331	370	287	338	235	364	205	142	143	153	160
Females,		20	37	54	27	46	16	46	6	1	3	3	3
Sausage, not made in Slaughtering and Meat-Packing Establishments.		237	239	233	231	230	279	230	278	230	235	238	238
Males,		234	236	270	273	277	276	277	276	277	292	296	296
Females,		3	3	3	3	3	3	3	3	3	3	3	3

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

Industries and Sex.		January	February	March	April	May	June	July	August	September	October	November	December
Average Number Employed													
Screws, Machine.													
Males,	407	455	437	448	353	357	361	383	393	376	409	441	432
Females,	365	377	374	378	325	328	331	349	356	339	370	403	436
	42	48	63	70	28	29	30	34	37	37	39	38	46
Shipbuilding, Wooden, including Boat-building.													
Males,	509	379	393	553	815	686	477	568	556	480	403	403	433
Females,	509	379	393	552	815	666	477	568	556	430	403	403	433
	-	-	-	-	-	-	-	-	-	-	-	-	-
Shirts.													
Males,	1,687	1,798	1,840	1,845	1,737	1,685	1,633	1,564	1,333	1,654	1,716	1,739	1,774
Females,	334	446	444	438	365	330	360	359	311	378	383	393	393
	1,303	1,347	1,396	1,407	1,372	1,295	1,273	1,205	1,022	1,276	1,333	1,346	1,381
Shoddy, Wool.													
Males,	584	592	592	639	596	583	512	499	529	643	641	662	652
Females,	543	519	550	591	523	496	480	467	488	690	598	617	605
	41	33	42	48	43	37	32	32	41	43	43	45	47
Show Cases.													
Males,	56	53	53	54	53	51	51	53	56	55	60	64	64
Females,	56	53	53	54	53	51	51	53	56	55	60	64	64
	-	-	-	-	-	-	-	-	-	-	-	-	-
Signs and Advertising Novelties.													
Males,	336	374	378	330	325	326	336	334	328	326	310	314	323
Females,	184	192	191	175	174	177	184	185	185	182	175	180	183
	182	182	185	155	151	149	152	149	143	143	135	134	140

Silk and Silk Goods, including Throwers.		3,408	3,333	3,440	3,636	3,331	3,136	3,536	3,643	3,333	4,031	4,074
Males,		1,136	1,061	1,112	1,141	1,041	1,006	1,114	1,149	1,199	1,331	1,367
Females,		2,327	2,231	2,328	2,551	2,210	2,130	2,422	2,499	2,634	2,510	2,817
Silverware and Plated Ware.		2,133	2,108	2,090	2,061	2,064	2,008	2,139	2,266	2,430	2,439	2,514
Males,		1,908	1,860	1,848	1,794	1,821	1,763	1,906	1,933	2,076	2,147	2,118
Females,		255	249	243	264	243	240	233	318	354	393	396
Slaughtering and Meat Packing.		3,136	3,361	3,376	3,134	3,116	3,161	3,101	3,099	3,068	3,140	3,376
Males,		3,106	3,341	3,357	3,117	3,094	3,137	3,090	3,070	3,073	3,122	3,345
Females,		30	20	19	17	22	24	11	19	90	18	30
Soap.		444	448	449	438	439	437	435	437	434	437	438
Males,		350	333	341	343	335	333	339	334	373	365	367
Females,		134	113	108	110	134	134	146	143	151	162	161
Sporting and Athletic Goods.		1,418	1,510	1,476	1,475	1,472	1,351	1,377	1,333	1,410	1,410	1,435
Males,		1,033	1,075	1,031	1,040	1,012	940	965	1,030	1,068	1,099	1,131
Females,		380	435	445	481	460	311	313	302	323	311	322
Springs, Steel, Car and Carriage.		36	36	36	36	37	36	36	36	37	39	39
Males,		36	36	36	36	37	36	36	36	37	39	39
Females,		-	-	-	-	-	-	-	-	-	-	-
Stationary Goods, not elsewhere Specified.		2,044	2,051	2,033	2,071	2,037	1,333	1,065	2,033	2,139	2,166	2,137
Males,		898	896	893	915	897	836	892	894	912	900	933
Females,		1,146	1,155	1,145	1,156	1,130	987	1,103	1,141	1,217	1,236	1,254

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Statuary and Art Goods.													
Males,	100	105	94	103	98	103	103	103	95	93	95	100	96
Females,	98	105	94	103	98	98	96	94	91	90	96	100	96
	2	-	-	-	-	5	6	8	4	3	-	-	-
Steam Fittings and Steam and Hot- Water Heating Apparatus.													
Males,	3,408	3,305	3,158	3,106	3,065	3,108	3,917	3,335	3,364	3,401	3,763	3,988	4,189
Females,	3,276	3,089	3,035	2,939	2,961	2,992	3,100	3,214	3,243	3,284	3,612	3,838	3,995
	120	116	117	117	114	114	117	121	121	117	151	160	194
Steam Packing.													
Males,	64	63	60	62	64	61	60	60	63	63	69	70	70
Females,	64	59	60	62	64	61	60	60	63	63	69	70	70
	-	-	-	-	-	-	-	-	-	-	-	-	-
Stereotyping and Electrotyping.													
Males,	244	237	227	221	231	233	244	265	261	253	249	246	247
Females,	225	209	209	213	211	211	231	241	237	232	233	232	231
	19	18	18	18	20	22	23	24	24	20	16	14	16
Stores and Hot-Air Furnaces, except Gas and Oil Stoves.													
Males,	1,438	1,407	1,448	1,406	1,431	1,446	1,497	1,337	1,338	1,603	1,664	1,668	1,645
Females,	1,532	1,404	1,455	1,502	1,476	1,541	1,492	1,362	1,377	1,603	1,669	1,681	1,652
	4	3	3	4	5	5	6	5	5	5	6	5	3

TABLE III. WAGE-EARNERS — Concluded.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1915 — Concluded.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Upholstering Materials.													
Males,	187	189	187	187	191	208	181	176	174	171	186	189	196
Females,	177	179	176	176	179	187	166	163	166	165	180	193	188
	30	10	11	11	12	16	15	12	8	6	6	6	7
Vinegar and Glider.													
Males,	56	37	36	36	35	35	37	39	48	60	109	99	68
Females,	56	37	36	36	35	35	37	39	42	60	109	92	68
	-	-	-	-	-	-	-	-	-	-	-	-	-
Waste.													
Males,	244	764	755	749	767	879	899	877	855	906	938	964	789
Females,	580	472	493	480	505	603	615	625	638	664	681	682	491
	264	282	262	260	263	276	277	252	247	241	251	272	291
Watch and Clock Materials.													
Males,	168	177	175	178	167	166	167	167	156	164	176	174	179
Females,	66	68	67	66	63	65	68	68	58	64	68	66	70
	102	109	108	107	104	101	99	99	78	100	108	108	109
Whips.													
Males,	215	227	230	248	248	266	239	208	201	213	231	274	301
Females,	608	615	607	612	613	615	606	595	579	584	567	624	654
	235	222	223	226	240	250	233	217	222	229	234	250	247
Window Shades and Fixtures.													
Males,	124	94	98	113	146	168	160	139	121	118	108	107	106
Females,	191	73	76	90	123	137	134	117	96	94	85	83	82
	23	22	22	22	22	35	24	22	23	24	23	24	24

Wire.		3,148	2,604	2,838	2,941	2,779	2,859	2,918	2,850	3,241	3,458	3,590	3,814	3,886
Males,	.	3,068	2,528	2,758	2,832	2,698	2,745	2,832	2,757	3,143	3,363	3,494	3,712	3,794
Females,	.	90	76	74	79	81	94	96	93	99	96	96	102	104
Wirework, including Wire Rope and Cable.														
Males,	.	1,895	1,803	1,941	1,969	1,864	2,055	1,948	1,768	1,813	1,838	1,800	1,968	2,048
Females,	.	1,575	1,323	1,590	1,618	1,628	1,654	1,579	1,466	1,496	1,492	1,554	1,615	1,657
Males,	.	350	339	351	351	366	379	360	297	317	330	346	373	388
Wood, Turned and Carved.														
Males,	.	1,354	1,391	1,345	1,408	1,381	1,340	1,338	1,387	1,387	1,305	1,357	1,368	1,440
Females,	.	1,312	1,253	1,306	1,368	1,340	1,301	1,279	1,288	1,289	1,269	1,308	1,337	1,392
Males,	.	42	38	37	40	41	39	43	39	38	46	49	49	48
Wooden Goods.														
Males,	.	241	216	238	250	238	243	251	253	254	259	258	254	258
Females,	.	238	199	215	230	231	241	240	235	219	216	226	232	237
Males,	.	13	17	23	20	7	2	11	17	15	13	2	2	21
Wool Securing.														
Males,	.	758	637	708	645	680	738	744	677	730	770	838	874	908
Females,	.	704	604	682	618	585	686	690	646	699	738	796	837	868
Males,	.	34	33	26	25	35	37	34	31	31	32	36	37	40
Woolen and Worsted Goods.														
Males,	.	53,459	52,376	51,475	51,308	53,214	50,808	48,867	49,278	51,308	54,451	55,448	55,338	54,553
Females,	.	31,278	30,869	30,700	31,364	31,684	30,330	29,044	29,946	30,645	32,433	32,700	33,108	32,366
Males,	.	21,314	21,317	20,773	21,442	21,530	20,283	19,313	19,686	20,657	22,018	22,742	22,730	22,187
Other Industries.														
Males,	.	21,641	20,115	19,548	20,310	21,280	21,486	21,302	20,768	22,139	20,863	24,596	26,330	27,053
Females,	.	24,774	22,643	22,790	24,323	24,368	24,306	24,617	24,094	25,122	24,516	26,679	27,172	27,912
Males,	.	6,867	5,473	5,555	6,487	7,012	7,110	7,185	6,672	8,017	6,466	8,887	9,158	9,141

TABLE IV. WAGE-EARNERS.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 18, 1915.
BY AGE AND SEX.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
THE STATE.	432,493	176,369	608,793	21,814	23,911	44,825	653,618
Agricultural implements, . . .	425	—	425	6	—	6	431
Artificial limbs, . . .	22	2	24	1	—	1	25
Artificial stone products, . . .	330	—	330	1	—	1	331
Automobiles, including bodies and parts, . . .	4,214	40	4,254	81	—	81	4,235
Awning, tents, and sails, . . .	178	87	265	8	3	11	276
Baskets, and rattan and willow- ware, . . .	185	17	202	6	2	8	210
Belting, leather, . . .	1,500	62	1,562	80	14	94	1,656
Belting and hose, woven, . . .	163	69	232	5	8	13	245
Billiard tables and materials, . . .	34	—	34	—	—	—	34
Blacking, stains, and dressings, . . .	258	190	448	—	—	—	448
Bookbinding and blank-book mak- ing, . . .	1,431	1,302	2,633	126	149	275	2,908
Boot and shoe cut stock and find- ings, . . .	6,202	2,471	8,673	512	363	875	9,548
Boots and shoes, . . .	52,063	26,308	78,371	2,766	2,534	5,300	83,671
Boots and shoes, rubber, . . .	5,415	4,094	9,509	222	422	644	10,153
Boxes, cigar, . . .	81	85	166	8	14	22	188
Boxes, fancy and paper, . . .	1,473	2,372	3,845	97	484	581	4,406
Boxes, wooden packing, . . .	3,209	241	3,450	106	31	137	3,587
Brass, bronze, and copper products, . . .	2,211	31	2,242	14	5	19	2,261
Bread and other bakery products, . . .	5,715	822	6,537	174	167	341	6,878
Brick and tile, . . .	679	15	694	21	3	24	718
Brooms, . . .	91	7	98	11	—	11	109
Brushes, . . .	653	593	1,246	28	52	80	1,326
Butter, . . .	38	—	38	—	—	—	38
Buttons, . . .	287	401	688	40	111	151	839
Canning and preserving, . . .	1,439	347	1,786	28	68	96	1,882
Carpets and rugs, other than rag, . . .	2,595	1,723	4,318	316	297	613	4,931
Carpets, rag, . . .	81	15	96	5	1	6	102
Carriages and sleds, children's, . . .	1,122	133	1,255	47	13	60	1,315
Carriages and wagons, and ma- terials, . . .	955	1	956	3	—	3	959
Cars and general shop construction and repairs by steam railroad companies, . . .	6,028	18	6,046	74	—	74	6,120
Chemicals, . . .	2,199	89	2,288	27	28	55	2,343
Cleansing and polishing prepara- tions, . . .	52	15	67	5	2	7	74
Cloth sponging and refinishing, . . .	43	—	43	—	—	—	43
Clothing, men's, . . .	2,609	2,694	5,303	45	115	160	5,463
Clothing, women's, . . .	1,173	3,641	4,814	51	290	341	5,155
Coffee and spice, roasting and grinding, . . .	277	179	456	5	5	10	466
Coffins, burial cases, and under- takers' goods, . . .	295	38	333	15	5	20	353
Combs and hairpins, . . .	1,579	479	2,058	177	184	361	2,419
Confectionery and ice cream, . . .	3,668	4,911	7,179	106	1,067	1,163	8,342
Confectionery, . . .	1,981	4,908	6,884	102	1,096	1,198	8,082
Ice cream, . . .	337	8	345	4	1	5	350
Cooperage, . . .	708	—	708	33	—	33	741
Copper, tin, and sheet-iron prod- ucts, . . .	2,541	82	2,623	110	5	115	2,738
Cordage and twine, and jute goods, . . .	3,207	1,726	4,933	208	278	486	5,419
Corsets, . . .	300	1,984	2,284	14	189	203	2,487
Cotton goods, . . .	58,356	47,475	105,831	5,271	5,776	11,047	116,878

TABLE IV. WAGE-EARNERS — Continued.
 NUMBER OF WAGE-EARNERS EMPLOYED, ETC. — Continued.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Cotton small wares,	450	516	966	79	185	264	1,220
Cutlery and tools, not elsewhere specified,	6,509	705	7,204	411	121	532	7,836
Dental goods,	28	10	38	12	1	13	51
Dyeing and finishing textiles,	10,008	2,064	12,147	861	341	1,202	13,349
Dyestuffs and extracts,	170	1	171	3	—	3	174
Electrical machinery, apparatus, and supplies,	15,065	2,952	18,017	603	1,118	1,811	19,828
Electroplating,	242	11	253	15	—	15	268
Enameling and japanning,	90	44	134	16	4	20	184
Engraving and die-sinking,	127	8	135	23	—	23	158
Engraving, steel and copper plate, including plate printing,	230	143	373	17	27	44	417
Envelopes,	633	1,185	1,818	51	175	226	2,044
Fancy articles, not elsewhere speci- fied,	416	435	851	24	107	131	982
Felt goods,	733	121	854	19	4	23	877
Firearms,	3,455	15	3,470	83	—	83	3,553
Flavoring extracts,	48	55	103	2	6	8	111
Flour-mill and gristmill products,	150	—	150	—	—	—	150
Food preparations,	342	98	440	13	9	22	462
Foundry and machine-shop prod- ucts,	44,606	780	45,386	1,198	54	1,252	46,638
Fur goods,	99	108	207	2	2	4	211
Furnishing goods, men's,	66	334	400	12	19	31	431
Furniture,	5,820	661	6,481	276	53	329	6,810
Galvanizing,	13	—	13	—	—	—	13
Gas and electric fixtures,	146	—	146	12	—	12	158
Gas, illuminating and heating,	2,305	—	2,305	8	—	8	2,313
Glass, cutting, staining, and orna- menting,	199	8	207	18	1	19	226
Glue,	500	138	638	1	16	17	655
Gold and silver, leaf and foil,	51	64	115	3	2	5	120
Gold and silver, reducing and re- fining, not from the ore,	18	—	18	—	—	—	18
Grease and tallow,	607	5	612	1	—	1	613
Hand stamps and stencils and brands,	81	9	90	13	1	14	104
Hardware,	1,242	100	1,342	164	20	184	1,526
Hats and caps, other than felt, straw, and wool,	169	81	250	5	5	10	260
Hats, fur-felt,	508	416	924	16	21	37	961
Hats, straw,	798	1,537	2,335	14	46	60	2,395
Hosiery and knit goods,	3,090	6,579	9,669	313	942	1,255	10,924
House-furnishing goods, not else- where specified,	416	223	639	47	24	71	710
Ice, manufactured,	43	—	43	—	—	—	43
Instruments, professional and sci- entific,	445	28	473	14	5	19	492
Iron and steel, steel works and roll- ing mills,	3,216	106	3,322	22	—	22	3,344
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,	904	279	1,183	23	47	70	1,253
Iron and steel forgings,	1,006	27	1,033	57	8	65	1,098
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	1,074	304	1,378	49	86	135	1,513

TABLE IV. WAGE-EARNERS — Continued.
NUMBER OF WAGE-EARNERS EMPLOYED, ETC. — Continued.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Jewelry,	3,919	1,850	5,769	189	253	441	6,310
Jewelry and instrument cases, . . .	100	217	317	26	31	57	374
Labels and tags,	14	10	24	2	—	2	26
Lamps and reflectors,	261	26	287	24	14	38	325
Lasts,	844	12	856	46	—	46	902
Leather goods, not elsewhere speci- fied,	195	236	431	17	25	42	473
Leather, tanned, curried, and fin- ished,	11,245	154	11,399	165	17	182	11,581
Lime,	394	—	394	4	—	4	398
Linen goods,	514	590	1,104	156	192	348	1,452
Liquors, distilled,	119	—	119	—	—	—	119
Liquors, malt,	1,999	12	2,011	—	—	—	2,011
Lithographing,	830	268	1,098	87	48	135	1,223
Looking-glass and picture frames, . .	134	—	134	10	—	10	144
Lumber and timber products,	931	—	931	11	—	11	942
Lumber, planing-mill products, . . .	2,885	3	2,888	58	—	58	2,946
Marble and stone work,	2,328	—	2,328	26	—	26	2,354
Mattresses and spring beds,	497	164	661	23	14	37	698
Millinery and lace goods,	189	1,312	1,401	17	194	211	1,612
Mineral and soda waters,	343	7	350	7	—	7	357
Mirrors,	125	—	125	14	—	14	139
Models and patterns, not including paper patterns,	312	1	313	16	1	17	330
Monuments and tombstones,	1,137	—	1,137	22	—	22	1,159
Mucilage and paste,	84	13	97	1	2	3	100
Musical instruments and materials, not specified,	163	34	197	14	7	21	218
Musical instruments, pianos and organs, and materials,	3,440	219	3,659	226	43	269	3,928
Oil, not elsewhere specified,	259	11	270	1	1	2	272
Paints and varnishes,	490	31	521	15	4	19	540
Paper and wood pulp,	9,652	3,850	13,502	56	180	236	13,738
Paper goods, not elsewhere speci- fied,	2,122	1,552	3,674	161	322	483	4,157
Patent medicines and compounds and druggists' preparations,	644	813	1,457	46	100	146	1,603
Photographic apparatus and mate- rials,	20	6	26	—	2	2	28
Photo-engraving,	362	37	399	24	1	25	424
Plumbers' supplies,	530	27	557	10	2	12	569
Pocketbooks,	95	216	311	9	19	28	339
Pottery,	133	16	154	11	—	11	165
Printing and publishing,	7,496	1,998	9,494	539	123	662	10,156
Refrigerators,	100	—	100	4	—	4	104
Rubber goods, not elsewhere speci- fied,	5,016	672	5,688	152	101	253	5,941
Saddlery and harness,	161	3	164	—	—	—	164
Sausage, not made in slaughtering and meat-packing establish- ments,	287	2	289	10	1	11	300
Screws, machine,	357	22	379	81	35	116	495
Shipbuilding, wooden, including boat building,	422	—	422	4	—	4	426
Shirts,	376	1,293	1,669	15	101	116	1,785
Shoddy, wool,	582	45	627	—	—	—	627
Show cases,	64	—	64	—	—	—	64
Signs and advertising novelties, . .	187	165	352	10	2	12	364

TABLE IV. WAGE-EARNERS — Concluded.
 NUMBER OF WAGE-EARNERS EMPLOYED, ETC. — Concluded.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Silk and silk goods, including throwsters,	1,128	2,540	3,668	140	343	483	4,150
Silverware and plated ware,	2,001	873	2,873	102	42	144	2,517
Slaughtering and meat packing,	3,355	17	3,372	63	4	66	3,438
Soap,	373	117	490	11	46	57	547
Sporting and athletic goods,	1,035	267	1,302	66	42	108	1,410
Springs, steel, car and carriage,	38	—	38	—	—	—	38
Stationery goods, not elsewhere specified,	861	1,038	1,899	70	211	281	2,180
Statuary and art goods,	98	1	99	2	—	2	101
Steam fittings and steam and hot- water heating apparatus,	3,971	175	4,146	53	15	68	4,214
Steam packing,	63	—	63	4	—	4	67
Stereotyping and electrotyping,	224	16	240	20	—	20	260
Stoves and hot-air furnaces, except gas and oil stoves,	1,617	3	1,620	21	—	21	1,641
Structural ironwork, not made in steel works or rolling mills,	1,371	—	1,371	22	—	22	1,393
Surgical appliances,	170	73	243	11	13	24	266
Suspenders, garters, and elastic woven goods,	1,068	1,775	2,843	56	233	289	3,132
Tobacco manufactures,	2,332	929	3,261	50	40	90	3,351
Toys and games,	583	306	889	93	74	167	1,056
Trunks and valises,	238	55	293	19	14	33	326
Type founding and printing mate- rials,	76	19	95	1	—	1	96
Upholstering materials,	174	7	181	5	1	6	187
Vinegar and cider,	74	—	74	2	—	2	76
Waste,	696	254	950	1	8	9	960
Watch and clock materials,	60	97	157	8	7	15	172
Whips,	639	251	890	21	9	30	910
Window shades and fixtures,	76	7	83	5	1	6	89
Wire,	3,871	92	3,963	65	8	73	4,036
Wirework, including wire rope and cable,	1,567	361	1,928	106	44	150	2,078
Wood, turned and carved,	1,376	50	1,426	120	7	127	1,553
Wooden goods,	218	21	239	13	—	13	252
Wool scouring,	865	35	900	4	4	8	906
Woolen and worsted goods,	31,355	19,887	51,242	2,396	2,890	5,176	56,418
All other industries,	27,211	6,950	34,161	612	967	1,580	35,741

TABLE V. WAGES.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915.

INDUSTRIES AND SEX.	Total Number of Wage-Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		\$3		\$4		\$5		\$6		\$7		\$8		\$9		\$10		\$11		\$12	
		Under \$3	but over \$3	Under \$4	but over \$4	Under \$5	but over \$5	Under \$6	but over \$6	Under \$7	but over \$7	Under \$8	but over \$8	Under \$9	but over \$9	Under \$10	but over \$10	Under \$11	but over \$11	Under \$12	but over \$12
THE STATE.	703,203	141	1,760	7,858	21,501	43,567	58,551	68,198	74,299	66,723	46,494	55,903	38,597	29,559	39,384	42,825	43,725	24,832	13,227	21,009	
Adults (18 years of age and over):																					
Males,	465,655	7	91	468	2,409	8,091	19,132	31,511	43,073	43,696	33,004	44,839	32,551	25,661	36,074	40,266	42,196	24,042	17,807	20,737	
Females,	190,077	29	294	1,937	9,082	23,345	30,805	39,063	28,333	21,863	13,030	10,744	5,929	3,811	3,273	2,509	1,496	836	419	271	
Young persons (under 18 years of age),	47,471	108	1,375	5,453	10,010	12,121	8,614	4,624	2,893	1,165	460	330	117	87	38	50	33	4	1	1	
Agricultural Implements.	478	-	1	8	-	1	6	27	25	28	18	61	86	19	77	68	61	24	8	8	
Adults (18 years of age and over):																					
Males,	463	-	-	-	-	-	6	27	21	27	18	61	36	19	77	68	64	24	8	8	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	9	-	1	2	-	1	-	-	4	1	-	-	-	-	-	-	-	-	-	-	
Artificial Limbs.	87	-	-	-	1	1	8	8	-	-	-	8	1	8	6	1	8	5	-	-	
Adults (18 years of age and over):																					
Males,	24	-	-	-	1	-	2	1	-	-	-	3	1	2	5	1	3	5	-	-	
Females,	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Artificial Stone Products.	470	-	-	-	-	-	4	9	8	51	20	64	67	28	64	28	27	17	46	40	
Adults (18 years of age and over):																					
Males,	470	-	-	-	-	-	4	9	8	54	20	64	67	22	64	28	27	17	46	40	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earning Persons	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 but under \$35	\$35 but under \$45
Billiard Tables and Materials. Adults (18 years of age and over):	34	-	-	-	-	-	-	-	-	2	-	1	2	1	7	7	8	6	-	-	-
Males,	34	-	-	-	-	-	-	-	-	2	-	1	2	1	7	7	8	6	-	-	-
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bleaching, Stains, and Dressings. Adults (18 years of age and over):	548	-	1	1	112	47	19	18	63	69	15	59	9	7	32	27	20	13	5	29	-
Males,	285	-	-	-	-	2	10	14	29	21	12	55	9	7	32	27	20	13	5	29	-
Females,	245	-	-	-	106	41	7	4	34	48	3	2	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	16	-	1	1	6	4	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-
Bookbinding and Blank-Book Making.	3,101	-	11	111	178	248	270	302	481	212	163	141	33	115	150	170	230	215	101	92	-
Adults (18 years of age and over):	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	1,639	-	-	4	14	21	64	45	81	74	79	92	58	83	143	160	217	211	101	92	-
Females,	1,235	-	5	13	60	133	181	146	347	137	84	49	24	32	7	10	3	4	-	-	-
Young persons (under 18 years of age),	327	-	6	94	99	88	25	11	3	1	-	-	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earnings	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
Boxes, Wooden Packing.	3,682	-	5	89	42	74	144	280	481	615	528	678	883	152	288	89	111	54	26	16
Adults (18 years of age and over):		-	-	6	11	22	98	179	436	590	803	689	364	123	220	95	110	54	25	16
Males,	3,311	-	-	6	11	22	98	179	436	590	803	689	364	123	220	95	110	54	25	16
Females,	226	-	2	2	9	21	24	34	31	22	25	18	10	8	6	4	1	-	-	-
Young persons (under 18 years of age),	145	-	3	31	22	31	22	17	14	3	-	1	-	1	-	-	-	-	-	-
Brass, Bronze, and Copper Products.	2,866	-	-	-	5	15	28	101	181	140	108	649	309	150	141	117	308	143	41	41
Adults (18 years of age and over):		-	-	-	-	6	9	97	176	131	102	648	300	150	139	117	208	143	41	41
Males,	2,317	-	-	-	-	6	9	97	176	131	102	648	300	150	139	117	208	143	41	41
Females,	29	-	-	2	2	6	3	3	9	1	1	1	-	-	2	-	-	-	-	-
Young persons (under 18 years of age),	20	-	-	-	3	7	7	1	2	-	-	-	-	-	-	-	-	-	-	-
Bread and Other Bakery Products.	7,395	-	18	59	579	378	346	306	579	601	853	778	374	479	749	638	658	870	168	168
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	6,022	-	3	4	16	45	119	233	435	531	844	780	362	476	745	632	658	368	158	163
Females,	986	-	7	140	224	187	132	129	66	38	41	12	3	4	1	-	2	-	-	-
Young persons (under 18 years of age),	387	-	15	48	123	109	40	31	15	4	1	1	-	-	-	-	-	-	-	-
Brick and Tile.	1,666	-	-	5	18	20	18	80	159	289	180	490	208	76	107	86	39	18	10	16
Adults (18 years of age and over):		-	-	-	-	2	6	8	16	121	288	490	202	76	107	86	39	18	10	16
Males,	1,612	-	-	-	-	2	6	8	16	121	288	490	202	76	107	86	39	18	10	16
Females,	15	-	-	-	5	4	5	-	-	1	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	39	-	-	5	5	10	5	4	8	-	2	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over
Carpets and Rugs, other than Rag.									✓											
Adults (18 years of age and over):	5,441	-	7	36	374	354	654	744	631	555	370	325	157	168	288	204	208	142	191	95
Males,	2,864	-	-	-	1	36	186	318	316	301	194	204	132	144	200	107	208	142	190	95
Females,	1,969	-	-	-	95	171	364	409	298	254	174	121	25	24	26	7	-	-	1	-
Young persons (under 18 years of age),	608	-	7	36	278	147	104	17	17	-	2	-	-	-	-	-	-	-	-	-
Carpets, Rag.																				
Adults (18 years of age and over):	143	-	-	3	3	16	13	14	10	16	13	20	12	7	10	4	2	-	-	-
Males,	115	-	-	1	-	5	9	8	9	16	13	19	12	7	10	4	2	-	-	-
Females,	19	-	-	-	-	9	3	6	1	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	9	-	-	2	3	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Carriages and Sleds, Children's.																				
Adults (18 years of age and over):	1,368	-	-	3	19	14	37	63	106	229	79	267	139	113	111	116	45	18	11	1
Males,	1,164	-	-	-	4	7	7	24	78	205	66	244	120	110	109	115	45	18	11	1
Females,	147	-	-	-	6	1	16	29	21	20	8	22	18	3	2	1	-	-	-	-
Young persons (under 18 years of age),	57	-	-	3	9	6	14	10	7	4	2	1	1	-	-	-	-	-	-	-

Carriages and Wagons, and Materials.	1,308	-	-	-	6	14	0	18	43	89	36	157	135	78	212	143	230	90	58	21
Adults (18 years of age and over):	1,302	-	-	-	5	11	7	18	43	89	36	157	135	78	212	143	230	90	32	21
Males,	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Females,	5	-	-	-	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cars and General Shop Construc- tion and Repairs by Steam- Railroad Companies.	6,577	-	8	-	1	44	41	273	324	265	315	435	438	660	661	1,060	1,143	410	158	67
Adults (18 years of age and over):	6,513	-	-	-	1	18	38	274	365	232	313	553	438	660	660	1,059	1,143	410	152	67
Males,	20	-	-	-	-	-	-	2	16	2	-	-	-	-	-	-	-	-	-	-
Females,	44	-	3	-	-	26	3	2	3	1	2	2	-	-	1	1	-	-	-	-
Young persons (under 18 years of age),		-	-	-	5	19	12	16	257	224	447	221	178	163	166	243	202	23	47	56
Chemicals.	2,478	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adults (18 years of age and over):	2,331	-	-	-	9	9	8	8	133	210	444	277	170	162	165	243	202	93	47	56
Males,	83	-	-	-	1	5	2	2	49	14	3	4	2	1	-	-	-	-	-	-
Females,	58	-	-	-	5	5	2	6	15	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cleaning and Polishing Prepa- rations.	24	-	2	4	2	10	7	4	2	4	2	7	2	10	2	-	4	2	3	5
Adults (18 years of age and over):	58	-	-	1	-	6	2	3	5	1	2	5	2	10	7	-	4	2	3	5
Males,	16	-	2	-	-	2	3	1	2	3	-	2	-	-	1	-	-	-	-	-
Females,	10	-	-	3	2	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earning	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																							
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22	\$23	\$24	\$25	\$26
		Un- der \$3	but under \$4	but under \$5	but under \$6	but under \$7	but under \$8	but under \$9	but under \$10	but under \$11	but under \$12	but under \$13	but under \$14	but under \$15	but under \$16	but under \$17	but under \$18	but under \$19	but under \$20	but under \$21	but under \$22	but under \$23	but under \$24	but under \$25	but under \$26
Cloth, Spanging and Refinishing.																									
Adults (18 years of age and over):	49	-	-	-	-	3	2	3	5	-	-	9	1	2	7	11	3	-	-	-	-	-	-	-	-
Males,	49	-	-	-	-	3	2	3	5	-	-	9	1	2	7	11	3	-	-	-	-	-	-	-	-
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clothing, Men's.																									
Adults (18 years of age and over):	6,116	1	14	79	267	472	599	620	514	489	329	417	274	264	365	361	384	249	201	216	217	217	217	217	217
Males,	2,922	-	1	3	8	30	26	60	104	179	154	261	186	210	325	339	375	244	201	216	217	217	217	217	217
Females,	3,027	1	3	43	212	411	553	552	404	305	171	156	85	54	40	22	9	5	-	-	-	-	-	-	-
Young persons (under 18 years of age),	167	-	10	33	47	31	20	8	6	5	4	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Clothing, Women's.																									
Adults (18 years of age and over):	6,399	8	46	177	392	630	702	821	637	594	321	323	172	168	173	207	209	198	252	369	369	369	369	369	369
Males,	1,512	-	1	8	17	28	40	31	56	25	25	61	39	37	92	138	171	180	238	350	350	350	350	350	350
Females,	4,659	8	26	128	312	554	667	765	605	536	295	261	132	131	81	69	38	18	14	19	19	19	19	19	19
Young persons (under 18 years of age),	228	-	20	48	72	59	7	16	1	2	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Coffee and Spice, Roasting and Grinding.																									
Adults (18 years of age and over):	466	-	2	6	38	38	75	26	22	10	23	23	23	43	41	40	38	25	8	8	8	8	8	8	8
Males,	285	-	-	1	5	2	7	11	10	8	21	22	22	41	40	40	37	24	8	8	8	8	8	8	8
Females,	171	-	-	4	29	35	68	14	11	2	2	1	1	2	1	-	1	1	1	1	1	1	1	1	1
Young persons (under 18 years of age),	10	-	2	1	4	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over	
Copper, Tin, and Sheet-Iron Products.	3,141	-	7	31	66	80	141	253	311	269	223	258	300	135	164	207	202	191	208	188	188
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	2,922	-	-	13	22	52	96	219	292	241	218	254	200	135	184	207	202	191	208	188	188
Females,	105	-	-	2	6	13	26	24	14	13	3	4	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	114	-	4	16	38	15	19	10	5	5	2	-	-	-	-	-	-	-	-	-	-
Cordage and Twine, and Jute Goods.	5,680	-	3	86	231	657	723	669	1,372	439	132	174	115	99	154	94	55	26	19	22	22
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	3,318	-	-	1	5	41	175	351	1,075	215	141	143	108	93	154	94	55	26	19	22	22
Females,	1,650	-	-	17	68	335	454	278	155	263	36	31	7	6	-	-	-	-	-	-	-
Young persons (under 18 years of age),	712	-	3	68	158	281	94	40	42	21	5	-	-	-	-	-	-	-	-	-	-
Corsets.	2,772	-	5	35	129	304	528	603	532	235	148	94	53	27	36	28	24	36	33	23	23
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	317	-	-	-	12	20	19	12	21	22	11	17	12	12	22	26	23	33	33	23	23
Females,	2,204	-	-	4	51	207	473	478	498	205	135	77	41	15	14	2	1	3	-	-	-
Young persons (under 18 years of age),	251	-	5	31	66	77	36	13	13	8	2	-	-	-	-	-	-	-	-	-	-

Cotton Goods.		119,102	50	441	1,369	4,828	10,698	18,507	30,008	17,898	18,194	9,178	7,017	4,680	9,418	9,808	1,948	1,048	571	408	649
Adults (18 years of age and over):																					
Males,		59,609	6	8	93	765	2,900	8,005	9,574	7,563	6,450	5,345	4,789	3,711	2,949	2,670	1,851	1,034	571	403	643
Females,		48,468	8	48	840	1,696	5,241	8,097	9,771	9,100	6,454	3,743	2,216	959	465	230	88	13	-	-	-
Young persons (under 18 years of age),		11,025	36	406	1,456	2,362	2,421	2,135	1,167	630	290	90	43	10	4	2	4	1	-	-	-
Cotton Small Wares.		1,867	1	18	100	116	240	146	118	128	95	57	47	26	28	35	21	41	10	11	16
Adults (18 years of age and over):																					
Males,		468	-	1	6	9	23	43	46	30	50	25	30	14	22	31	18	35	9	11	15
Females,		533	-	3	20	29	153	87	65	47	45	31	17	13	10	4	3	6	1	-	-
Young persons (under 18 years of age),		256	1	14	74	78	64	16	7	1	-	1	-	-	-	-	-	-	-	-	-
Outfry and Tools, not elsewhere specified.		7,960	3	53	59	145	398	324	573	764	598	635	753	618	357	541	710	740	300	376	579
Adults (18 years of age and over):																					
Males,		6,774	-	-	2	31	88	115	338	573	531	606	713	613	333	535	709	739	300	375	273
Females,		721	-	-	1	32	150	103	186	160	35	26	16	4	3	3	-	1	-	1	-
Young persons (under 18 years of age),		465	2	23	56	92	155	66	49	33	10	3	4	1	1	-	1	-	-	-	-
Dental Goods.		53	-	-	3	7	6	3	3	-	3	3	4	3	3	3	1	6	3	1	5
Adults (18 years of age and over):																					
Males,		30	-	-	1	1	1	-	-	-	2	2	3	2	2	2	-	5	3	1	5
Females,		11	-	-	-	-	2	2	2	-	1	-	1	-	1	-	1	1	-	-	-
Young persons (under 18 years of age),		12	-	-	2	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Dyeing and Finishing Textiles.		13,039	-	6	81	367	981	1,341	2,914	2,458	1,181	538	563	371	373	354	318	241	179	110	373
Adults (18 years of age and over):																					
Males,		10,156	-	-	1	19	140	1,098	2,574	2,207	989	471	508	353	262	330	317	237	178	110	373
Females,		2,065	-	-	-	119	560	583	268	218	138	67	49	17	16	14	1	4	1	-	-
Young persons (under 18 years of age),		811	-	6	80	189	291	170	53	13	4	-	5	1	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earnings	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over	
Dyestuffs and Extracts.	181	-	-	-	7	2	-	-	19	42	8	43	7	9	11	18	4	3	4	4	
Adults (18 years of age and over):																					
Males,	173	-	-	-	-	1	-	-	19	42	8	43	7	9	11	18	4	3	4	4	
Females,	5	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	3	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Electrical Machinery, Apparatus, and Supplies.	20,791	-	14	70	666	870	880	1,468	1,980	1,484	1,868	1,888	1,865	1,033	1,807	2,523	1,940	1,091	1,008	788	
Adults (18 years of age and over):																					
Males,	15,872	-	-	7	118	146	235	494	1,066	971	1,019	1,161	1,185	1,007	1,181	2,489	1,917	1,090	1,008	788	
Females,	3,023	-	-	2	229	412	380	571	584	417	223	115	66	17	17	10	-	1	-	-	
Young persons (under 18 years of age),	1,896	-	14	61	319	312	285	397	280	96	41	12	14	9	9	24	23	-	-	-	
Electroplating.	227	-	3	3	8	15	15	9	13	17	6	23	14	13	20	21	60	20	9	9	
Adults (18 years of age and over):																					
Males,	261	-	1	-	-	11	12	7	15	17	6	21	14	13	20	21	60	20	9	9	
Females,	9	-	-	-	2	2	1	2	-	-	2	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	17	-	2	2	8	2	1	1	1	-	-	-	-	-	-	-	-	-	-	-	
Enameling and Japanning.	169	-	-	7	11	16	18	18	29	18	1	10	7	6	10	9	8	8	8	8	
Adults (18 years of age and over):																					
Males,	98	-	-	-	3	4	1	22	13	-	9	7	5	10	9	2	3	2	3	3	
Females,	48	-	-	1	5	6	7	16	7	5	-	1	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	28	-	-	6	6	7	7	1	-	-	1	-	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earning Persons	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Under \$3		\$3 but under \$4		\$4 but under \$5		\$5 but under \$6		\$6 but under \$7		\$7 but under \$8		\$8 but under \$9		\$9 but under \$10		\$10 but under \$11		\$11 but under \$12	
		\$3	\$4	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20
Firearms.	3,023	15	16	23	54	114	72	155	351	292	473	503	229	179	421	375	172	275	109	109	
Adults (18 years of age and over):																					
Males,	3,528	-	-	-	40	102	68	130	331	261	473	363	229	179	421	375	172	275	109	109	
Females,	16	-	-	-	4	7	1	3	-	1	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	79	15	16	28	10	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-	
Flavoring Extracts.	130	-	-	19	13	17	14	18	10	5	8	2	6	5	5	3	1	1	1	1	
Adults (18 years of age and over):																					
Males,	54	-	-	-	2	3	2	4	7	4	8	2	5	5	4	3	1	1	1	1	
Females,	68	-	-	13	9	14	12	14	3	1	-	-	1	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	8	-	-	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Flour-mill and Gristmill Products.	158	-	-	-	-	-	1	6	6	6	43	30	10	33	12	10	2	-	-	-	
Adults (18 years of age and over):																					
Males,	158	-	-	-	-	-	1	6	5	6	43	30	10	33	12	10	2	-	-	-	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Food Preparations.	611	7	28	7	71	24	58	29	47	38	120	31	29	34	32	34	11	4	7	7	
Adults (18 years of age and over):																					
Males,	432	-	-	-	5	8	25	24	44	34	115	31	27	32	32	34	10	4	7	7	
Females,	154	-	23	6	53	15	32	5	2	4	4	-	2	2	-	-	1	-	-	-	
Young persons (under 18 years of age),	25	7	5	1	8	1	1	-	1	-	1	-	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earnings	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																																		
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over																
Gas and Electric Fitters.	169	-	2	2	2	9	9	9	9	11	5	5	6	9	9	5	5	6	6	6	6	6	6	9	9	5	5	12	11	32	15	17	8			
Adults (18 years of age and over):		-	2	-	-	6	6	7	10	5	4	6	9	5	5	12	11	32	15	17	8	-	-	-	-	-	-	-	-	-	-	-	-	-		
Males,	155	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Females,	3	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Young persons (under 18 years of age),	11	-	2	2	2	3	3	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Gas, Illuminating and Heating.	2,680	-	-	3	-	11	12	16	42	208	142	642	242	230	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	
Adults (18 years of age and over):		-	-	3	-	10	10	14	41	208	142	642	242	230	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	312	
Males,	2,674	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	6	-	-	-	-	1	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Glass, Cutting, Staining, and Ornamenting.	202	-	-	6	3	17	7	4	9	12	1	57	5	6	6	31	42	38	18	8	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Adults (18 years of age and over):		-	-	1	1	8	4	2	7	12	1	36	5	6	6	31	42	38	18	8	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Males,	237	-	-	-	-	3	2	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Females,	8	-	-	-	-	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	17	-	-	5	2	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Glue.	645	-	-	-	-	24	17	49	60	82	129	42	70	17	14	28	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	
Adults (18 years of age and over):		-	-	-	-	1	-	2	49	82	129	42	70	17	14	28	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Males,	474	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Females,	154	-	-	-	-	87	13	41	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	17	-	-	-	-	6	4	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over	
Hats and Caps, other than Felt, Straw, and Wool.																					
Adults (18 years of age and over):	558	-	-	8	11	13	26	24	26	22	12	20	19	29	30	37	19	25	16	21	
Males,	254	-	-	2	-	4	5	7	8	12	7	16	17	28	30	37	19	25	16	21	
Females,	95	-	-	-	9	9	20	17	18	10	5	4	2	1	-	-	-	-	-	-	
Young persons (under 18 years of age),	9	-	-	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hats, Fur-Felt.	1,014	-	-	42	82	125	109	133	95	85	68	47	49	51	40	34	18	9	7	20	
Adults (18 years of age and over):																					
Males,	555	-	-	-	4	7	50	79	71	50	50	36	40	46	37	31	18	9	7	20	
Females,	420	-	-	34	64	103	58	54	23	35	18	11	9	5	3	3	-	-	-	-	
Young persons (under 18 years of age),	39	-	-	8	14	15	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Hats, Straw.	4,082	1	19	15	34	162	286	172	275	306	232	411	262	265	378	344	353	269	159	139	
Adults (18 years of age and over):																					
Males,	1,311	-	-	1	-	2	22	9	59	94	64	184	92	101	199	128	141	89	55	71	
Females,	2,712	-	19	12	33	143	261	153	204	202	167	227	170	162	179	216	212	180	104	63	
Young persons (under 18 years of age),	59	1	-	2	1	17	3	10	12	10	1	-	-	2	-	-	-	-	-	-	
Hosiery and Knit Goods.	10,876	-	25	204	731	1,107	1,644	1,574	1,417	1,437	767	631	356	222	251	162	142	80	69	121	
Adults (18 years of age and over):																					
Males,	3,141	-	-	5	57	108	439	313	295	309	226	229	198	165	205	138	138	78	58	180	
Females,	6,524	-	4	63	401	763	905	1,161	1,037	1,090	518	296	157	57	46	12	10	2	1	1	
Young persons (under 18 years of age),	1,211	-	21	136	273	236	300	100	85	38	13	6	1	-	-	2	-	-	-	-	

House-Furnishing Goods, not elsewhere specified.	749	-	-	-	-	100	88	81	29	71	78	80	48	24	8	24	24	23	14	18	11
Adults (18 years of age and over):																					
Males,	421	-	-	-	-	26	7	8	57	49	53	8	49	23	7	33	24	32	14	12	11
Females,	272	-	-	-	-	41	65	70	28	18	25	12	9	2	1	1	-	1	-	-	-
Young persons (under 18 years of age),	55	-	-	-	-	33	10	3	4	4	1	-	-	-	-	-	-	-	-	-	-
Ice, Manufactured.																					
Adults (18 years of age and over):	50	-	-	-	-	-	-	-	-	1	1	-	3	11	8	7	8	6	3	5	3
Males,	50	-	-	-	-	-	-	-	-	1	1	-	3	11	5	7	8	5	2	5	3
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instruments, Professional and Scientific.	739	-	-	-	-	8	101	39	59	43	59	35	44	24	33	45	53	71	60	41	34
Adults (18 years of age and over):																					
Males,	605	-	-	-	-	1	11	17	45	42	54	35	44	23	33	45	53	71	50	41	34
Females,	102	-	-	-	-	5	71	11	8	1	5	-	-	1	-	-	-	-	-	-	-
Young persons (under 18 years of age),	32	-	-	-	-	1	2	19	4	6	-	-	-	-	-	-	-	-	-	-	-
Iron and Steel, Steel Works and Rolling Mills.	3,436	-	-	-	-	4	1	19	139	163	365	265	233	261	209	309	435	459	188	180	161
Adults (18 years of age and over):																					
Males,	3,303	-	-	-	-	-	-	9	109	156	339	252	270	241	204	307	434	457	188	120	161
Females,	106	-	-	-	-	1	-	5	24	5	26	13	12	10	5	2	1	2	-	-	-
Young persons (under 18 years of age),	17	-	-	-	-	3	1	5	6	2	-	-	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over	
Iron and Steel, Bolts, Nuts, Wash- ers, and Rivets, not made in Steel Works or Rolling Mills.	1,487	-	-	4	50	39	250	44	28	26	81	105	152	37	106	103	77	116	37	26	
Adults (18 years of age and over):		-	-	-	19	-	4	12	28	26	81	105	152	37	106	103	77	116	37	26	
Males,	929	-	-	3	20	21	239	20	-	-	-	-	-	-	-	-	-	-	-	-	
Females,	312	-	-	1	11	18	13	3	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iron and Steel Forgings.	1,038	-	7	9	31	38	17	33	85	108	97	133	71	55	65	78	79	66	34	88	
Adults (18 years of age and over):		-	-	-	2	5	11	31	80	98	97	132	71	55	65	78	79	66	34	88	
Males,	992	-	-	-	-	-	-	1	5	4	-	1	-	-	-	-	-	-	-	-	
Females,	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	85	-	7	9	29	33	0	1	-	-	-	-	-	-	-	-	-	-	-	-	
Iron and Steel, Nails and Spikes, including Wire Nails, not made in Steel Works or Rolling Mills.	1,581	2	1	47	97	165	122	183	274	139	116	119	54	15	58	51	48	52	35	79	
Adults (18 years of age and over):		-	-	1	3	18	40	76	239	116	108	115	52	15	50	51	48	52	35	70	
Males,	1,098	-	-	1	3	18	40	76	239	116	108	115	52	15	50	51	48	52	35	70	
Females,	402	-	1	43	85	101	67	36	31	23	8	3	2	-	2	-	-	-	-	-	
Young persons (under 18 years of age),	81	2	-	3	9	36	15	11	4	-	-	1	-	-	-	-	-	-	-	-	

	2	16	75	206	484	447	697	559	409	418	368	435	869	325	513	449	233	865	368
Jewelry.																			
Adults (18 years of age and over):																			
Males,	-	-	2	14	58	66	235	224	199	235	260	304	252	290	542	439	278	253	366
Females,	-	4	23	85	281	352	435	339	206	131	102	41	17	26	6	7	4	2	2
Young persons (under 18 years of age),	2	12	51	107	58	20	27	16	4	2	-	-	-	-	-	-	-	-	-
Jewelry and Instrument Cases.																			
Adults (18 years of age and over):																			
Males,	1	4	8	53	40	61	74	33	27	10	18	13	6	8	6	9	1	6	3
Females,	-	-	-	-	1	8	7	13	8	3	8	8	5	6	8	9	1	8	3
Young persons (under 18 years of age),	1	2	3	35	29	43	62	20	17	6	4	5	-	2	-	-	-	-	-
Labels and Tags.																			
Adults (18 years of age and over):																			
Males,	-	-	-	4	2	4	6	-	1	-	8	-	1	4	-	1	1	3	1
Females,	-	-	-	-	-	-	1	-	1	-	2	-	1	3	-	1	1	3	1
Young persons (under 18 years of age),	-	-	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lamps and Reflectors.																			
Adults (18 years of age and over):																			
Males,	-	-	3	2	6	5	5	35	23	14	20	16	11	26	24	23	11	23	8
Females,	-	-	1	1	3	4	7	6	5	-	-	-	-	1	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	6	13	8	5	-	-	-	-	-	-	-	-	-	-	-	-
Lasets.																			
Adults (18 years of age and over):																			
Males,	-	-	-	2	2	8	12	59	33	20	83	93	23	118	97	150	108	72	122
Females,	-	-	-	1	2	3	1	2	4	-	3	-	-	-	1	-	1	1	-
Young persons (under 18 years of age),	-	-	3	1	14	12	3	7	5	1	1	1	-	1	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage-Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																						
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25	\$35				
		Un- der \$3	but under \$4	but under \$5	but under \$6	but under \$7	but under \$8	but under \$9	but under \$10	but under \$11	but under \$12	but under \$13	but under \$14	but under \$15	but under \$16	but under \$18	but under \$20	but under \$22	but under \$25	and over				
Leather Goods, not elsewhere specified.	644	-	10	22	95	54	69	70	59	37	27	32	9	13	20	19	13	9	2	4				
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Males,	210	-	-	2	5	8	15	25	19	22	13	23	6	11	17	19	10	9	2	4				
Females,	289	-	-	10	72	43	51	45	20	14	14	9	3	2	3	-	3	-	-	-				
Young persons (under 18 years of age),	45	-	10	10	18	3	3	-	-	1	-	-	-	-	-	-	-	-	-	-				
Leather, Tanned, Curried, and Finished.	19,677	-	3	9	35	146	339	874	1,916	2,581	1,178	1,331	652	417	1,123	691	605	400	174	200				
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Males,	12,208	-	1	3	65	252	825	1,864	2,553	1,163	1,324	649	414	1,125	691	605	400	173	200	-				
Females,	1,171	-	-	7	39	44	32	23	10	9	3	1	-	3	-	-	-	-	-	-				
Young persons (under 18 years of age),	198	-	2	8	23	42	43	17	29	18	6	4	2	3	-	-	-	-	1	-				
Lime.	532	-	-	-	1	2	3	-	118	45	168	56	41	28	42	12	8	3	3	2				
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Males,	528	-	-	-	1	-	2	-	117	45	168	56	41	28	42	12	8	3	3	-				
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Young persons (under 18 years of age),	4	-	-	-	-	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-				

TABLE V. WAGES—Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES—1915—Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over	
Lumber and Timber Products.	1,968	-	-	-	3	11	80	66	101	296	64	244	148	63	90	68	65	16	9	10	
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Males,	1,247	-	-	-	-	7	12	65	98	296	64	243	141	63	90	68	65	16	9	10	
Females,	8	-	-	-	-	-	3	1	3	-	-	1	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	13	-	-	-	3	4	5	-	-	-	-	-	1	-	-	-	-	-	-	-	
Lumber, Planing-Mill Products.	3,674	-	2	6	14	33	63	63	296	313	113	364	249	165	341	337	467	484	273	195	
Adults (18 years of age and over):		-	-	-	-	4	16	26	47	224	307	113	364	249	155	341	337	467	484	273	
Males,	3,601	-	-	-	-	-	1	2	1	-	-	-	-	-	-	-	-	-	-	-	
Females,	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	69	-	2	6	10	16	24	4	2	5	-	-	-	-	-	-	-	-	-	-	
Marble and Stone Work.	3,407	-	1	6	15	14	36	35	94	198	307	647	281	272	194	164	331	356	145	127	
Adults (18 years of age and over):		-	-	-	-	10	7	17	33	90	192	207	547	281	272	194	164	331	356	145	
Males,	3,373	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Females,	34	-	1	6	5	7	9	2	4	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	767	-	-	4	23	46	69	74	105	74	46	77	47	35	28	46	66	91	14	23	
Mattresses and Spring Beds.	556	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Adults (18 years of age and over):		-	-	-	-	9	24	35	44	73	51	34	53	25	26	39	56	21	14	23	
Males,	556	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Females,	198	-	-	-	-	3	15	33	30	32	12	19	12	10	3	7	-	-	-	-	
Young persons (under 18 years of age),	33	-	-	4	11	7	11	-	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earnings	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																							
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over					
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25						
Mucilage and Paste.	98	-	1	-	9	1	8	4	5	4	11	10	8	10	6	4	9	6	9	9					
Adults (18 years of age and over):																									
Males,	82	-	-	-	-	-	2	3	3	4	11	9	8	10	5	4	9	5	9	9					
Females,	14	-	1	-	7	1	1	1	2	-	-	1	-	-	-	-	-	-	-	-					
Young persons (under 18 years of age),	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Musical Instruments and Materi- als, not Specified.	297	-	8	4	15	20	19	18	24	19	13	11	11	13	23	22	47	20	8	8					
Adults (18 years of age and over):																									
Males,	215	-	-	-	-	1	9	11	14	11	9	10	11	13	22	21	47	20	8	8					
Females,	34	-	1	1	3	4	1	5	12	4	1	-	-	1	1	-	-	-	-	-					
Young persons (under 18 years of age),	48	-	2	3	14	16	6	6	1	-	-	-	-	-	-	-	-	-	-	-					
Musical Instruments, Pianos and Organs, and Materials.	4,071	4	13	69	117	143	218	237	287	263	198	208	257	232	362	379	478	248	178	189					
Adults (18 years of age and over):																									
Males,	3,574	-	2	6	20	44	122	179	250	242	187	279	255	229	350	379	478	248	178	189					
Females,	237	-	-	4	41	39	46	43	33	8	7	9	2	3	2	-	-	-	-	-					
Young persons (under 18 years of age),	260	4	11	49	56	60	50	15	4	3	4	4	-	-	-	-	-	-	-	-					

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earnings	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
Photographic Apparatus and Materials.	42	-	-	-	5	9	2	3	6	2	5	2	1	3	-	3	-	3	-	-
Adults (18 years of age and over):		-	-	-	1	2	-	2	5	2	5	2	1	3	-	3	-	3	-	-
Males,	29	-	-	-	1	2	-	2	5	2	5	2	1	3	-	3	-	3	-	-
Females,	11	-	-	-	2	5	2	1	1	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Photo-Engraving.	489	-	1	9	30	15	16	13	19	26	4	21	5	4	23	22	35	38	53	139
Adults (18 years of age and over):		-	-	2	13	7	11	9	17	19	2	18	4	2	21	21	35	35	57	133
Males,	425	-	-	-	11	2	3	2	2	6	2	2	1	2	2	1	-	1	1	-
Females,	38	-	-	7	6	6	2	2	-	1	-	1	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	26	-	1	7	6	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Plumbers' Supplies.	701	-	5	11	15	46	60	47	75	61	66	69	47	25	45	36	54	28	16	7
Adults (18 years of age and over):		-	2	5	13	22	52	38	72	59	55	68	45	24	45	36	54	28	16	7
Males,	641	-	2	4	2	20	6	7	3	2	1	1	-	1	-	-	-	-	-	-
Females,	49	-	1	2	-	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pocketbooks.	380	-	-	21	37	39	42	23	45	20	28	25	30	23	10	13	5	5	3	3
Adults (18 years of age and over):		-	-	-	-	1	2	3	5	4	6	9	17	10	8	17	5	5	3	3
Males,	107	-	-	-	-	1	2	3	5	4	6	9	17	10	8	17	5	5	3	3
Females,	237	-	-	11	26	32	38	21	38	15	20	16	13	4	2	1	-	-	-	-
Young persons (under 18 years of age),	36	-	-	10	11	6	2	4	2	1	-	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earning	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
Sausage, not made in Slaughter- ing and Meat-Packing Estab- lishments.	318	-	1	1	-	5	5	3	11	23	22	46	35	50	33	29	21	9	7	6
Adults (18 years of age and over):	300	-	-	-	-	1	2	1	10	28	22	46	35	50	33	29	21	9	7	6
Males,	2	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Females,	10	-	1	1	-	4	2	1	1	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),																				
Screws, Machine.	507	1	-	3	43	55	35	53	62	41	18	34	26	19	22	29	22	14	12	8
Adults (18 years of age and over):																				
Males,	344	-	-	-	14	11	10	31	55	40	18	34	26	12	22	29	28	14	13	8
Females,	22	-	-	-	-	2	10	7	2	1	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	121	1	-	3	34	43	15	20	5	-	-	-	-	-	-	-	-	-	-	-
Shipbuilding, Wooden, including Boat Building.	1,046	-	3	2	3	5	2	2	16	27	5	60	45	14	303	127	215	145	24	12
Adults (18 years of age and over):																				
Males,	1,021	-	3	-	3	2	2	8	16	27	5	60	45	14	303	127	215	135	24	12
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	5	-	-	2	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	1,908	20	28	30	34	210	259	240	309	148	78	41	87	23	40	28	10	18	9
Shirts.																			
Adults (18 years of age and over):																			
Males,	435	-	-	1	13	11	23	40	118	48	18	19	25	22	24	26	16	12	9
Females,	1,365	-	6	15	73	291	231	195	196	94	64	22	12	1	6	2	-	-	-
Young persons (under 18 years of age),	126	-	14	8	25	40	23	5	5	1	1	-	-	-	-	-	-	-	-
Shoddy, Wool.																			
Adults (18 years of age and over):	779	-	-	1	45	80	111	287	908	81	17	23	33	23	16	18	16	5	3
Males,	725	-	-	1	6	13	104	227	268	21	16	23	32	23	15	12	16	5	3
Females,	54	-	-	-	39	7	7	-	-	-	1	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Show-Cases.																			
Adults (18 years of age and over):	68	-	-	-	-	-	1	2	1	2	8	1	3	3	9	14	11	6	2
Males,	68	-	-	-	-	-	1	2	1	2	8	1	3	3	9	14	11	6	2
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Signs and Advertising Novelties.																			
Adults (18 years of age and over):	419	-	3	18	24	48	21	28	41	19	22	15	9	26	29	27	19	27	18
Males,	221	-	-	2	1	6	10	11	8	3	18	7	8	26	29	27	19	27	18
Females,	175	-	2	12	16	23	21	17	23	9	4	8	1	-	-	-	-	-	-
Young persons (under 18 years of age),	23	-	1	4	7	8	1	2	-	-	-	-	-	-	-	-	-	-	-
Silk and Silk Goods, Including Throwsters.																			
Adults (18 years of age and over):	4,181	-	3	36	185	308	463	586	473	400	478	314	160	126	98	46	26	20	15
Males,	1,158	-	-	-	18	20	72	87	149	88	121	130	108	101	80	26	24	19	15
Females,	2,576	-	-	1	77	199	249	415	317	312	347	184	51	25	11	10	1	1	-
Young persons (under 18 years of age),	457	-	3	25	90	89	142	65	7	-	-	-	1	-	1	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

Industries and Sex.	Total Number of Wage-Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un-der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over	
Silverware and Plated Ware.	2,645	-	11	24	48	133	176	187	172	129	88	107	195	104	210	320	509	166	116	161	
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Males,	2,126	-	-	4	5	45	42	54	117	97	74	157	185	103	210	316	307	154	113	143	
Females,	362	-	-	1	15	43	121	58	50	28	12	9	8	1	-	3	1	2	2	8	
Young persons (under 18 years of age),	157	-	11	29	28	45	13	15	5	4	2	1	2	-	-	1	1	-	-	-	
Slaughtering and Meat Packing.	3,553	-	-	-	21	24	19	27	175	1,203	493	467	220	209	187	148	166	75	53	85	
Adults (18 years of age and over):		-	-	-	-	3	6	20	158	1,202	492	467	220	209	187	146	166	75	33	85	
Males,	3,469	-	-	-	-	7	6	1	2	-	-	-	-	-	-	-	-	-	-	-	
Females,	16	-	-	-	14	15	12	5	17	4	1	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Soap.	571	-	2	1	37	85	34	22	47	85	38	61	27	20	42	18	24	9	5	14	
Adults (18 years of age and over):		-	-	-	1	-	9	7	39	78	36	57	27	20	42	18	24	9	5	14	
Males,	386	-	-	-	1	17	51	22	14	6	7	2	2	-	-	-	-	-	-	-	
Females,	122	-	1	17	51	22	14	6	7	2	2	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	63	-	2	-	19	34	3	1	2	-	-	2	-	-	-	-	-	-	-	-	
Sporting and Athletic Goods.	1,666	-	-	8	20	64	79	101	145	160	97	162	153	68	83	116	147	71	99	88	
Adults (18 years of age and over):		-	-	-	-	2	6	14	71	109	68	130	125	60	82	114	146	71	99	83	
Males,	1,132	-	-	-	2	2	6	14	71	109	68	130	125	60	82	114	146	71	99	83	
Females,	322	-	-	2	6	27	40	72	66	38	29	22	8	8	1	2	1	-	-	-	
Young persons (under 18 years of age),	112	-	-	6	12	35	33	15	8	3	-	-	-	-	-	-	-	-	-	-	

[illegible]

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earnings	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3		\$3 but under \$4		\$4 but under \$5		\$5 but under \$6		\$6 but under \$7		\$7 but under \$8		\$8 but under \$9		\$9 but under \$10		\$10 but under \$11		\$11 but under \$12	
		\$3	\$4	\$4	\$5	\$5	\$6	\$6	\$7	\$7	\$8	\$8	\$9	\$9	\$10	\$10	\$11	\$11	\$12	\$12	
Stereotyping and Electrotyping.	271	-	1	5	1	14	7	11	12	18	4	14	16	19	16	15	15	15	15	18	
Adults (18 years of age and over):																					
Males,	234	-	-	1	1	3	6	8	8	15	4	12	14	17	13	15	15	15	17	45	
Females,	21	-	-	-	-	1	1	3	4	2	-	2	2	2	3	-	-	-	1	45	
Young persons (under 18 years of age),	16	-	1	4	-	10	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
Stoves and Hot-Air Furnaces, not including Gas and Oil Stoves.	1,703	-	1	1	1	9	16	29	55	183	63	239	118	31	185	117	127	145	138	381	
Adults (18 years of age and over):																					
Males,	1,674	-	1	-	-	4	7	26	46	123	63	228	112	31	125	117	127	145	138	381	
Females,	4	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	25	-	-	1	-	4	8	3	8	-	-	1	-	-	-	-	-	-	-	-	
Structural Iron Work, not made in Steel Works or Rolling Mills.	1,709	-	-	-	10	14	31	39	48	163	166	239	173	105	168	189	152	103	84	128	
Adults (18 years of age and over):																					
Males,	1,687	-	-	-	3	7	27	27	44	163	166	229	173	105	152	139	138	103	84	128	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	22	-	-	-	7	7	4	2	2	-	-	-	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1915 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage- Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over
Type Founding and Printing Materials.																				
Adults (18 years of age and over):	96	-	-	-	7	8	7	4	5	5	2	7	2	3	1	6	6	14	9	10
Males,	76	-	-	-	-	2	3	2	4	5	2	7	2	3	1	6	6	14	9	10
Females,	19	-	-	-	7	6	3	2	1	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Upholstering Materials.																				
Adults (18 years of age and over):	219	-	-	-	2	8	11	2	43	92	12	10	11	5	5	7	3	2	5	1
Males,	198	-	-	-	-	2	2	-	41	92	12	10	11	5	5	7	3	2	5	1
Females,	11	-	-	-	-	-	9	2	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	10	-	-	-	2	6	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Vinegar and Cider.																				
Adults (18 years of age and over):	150	-	-	-	-	-	-	2	8	23	8	68	15	2	16	3	2	-	-	3
Males,	145	-	-	-	-	-	-	2	5	23	8	66	15	2	16	3	2	-	-	3
Females,	2	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	3	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-

Waste.		974	-	-	54	109	48	161	189	178	93	68	60	80	16	17	12	18	8	1	6
Adults (18 years of age and over):																					
Males,		699	-	-	-	-	-	119	114	166	87	63	50	30	15	17	12	18	2	1	5
Females,		266	-	-	34	103	47	42	14	10	6	4	6	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),		9	-	-	-	6	1	-	1	-	-	1	-	-	-	-	-	-	-	-	-
Watch and Clock Materials.		187	-	-	5	16	23	21	21	17	13	4	6	4	8	3	8	11	9	11	7
Adults (18 years of age and over):																					
Males,		65	-	-	-	2	-	1	1	2	2	-	1	1	7	3	8	10	9	11	7
Females,		111	-	-	-	12	20	19	20	15	11	4	5	3	1	-	-	1	-	-	-
Young persons (under 18 years of age),		11	-	-	5	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Whips.		922	-	8	8	64	89	68	124	105	156	71	112	65	21	43	29	16	9	7	7
Adults (18 years of age and over):																					
Males,		666	-	-	-	10	18	12	56	82	114	63	110	55	21	47	39	16	9	7	7
Females,		265	-	-	4	34	62	47	66	20	21	8	2	-	-	1	-	-	-	-	-
Young persons (under 18 years of age),		31	-	2	4	10	9	3	2	1	-	-	-	-	-	-	-	-	-	-	-
Window Shades and Fixtures.		176	-	-	1	5	-	10	6	18	16	14	25	17	6	21	6	18	5	8	1
Adults (18 years of age and over):																					
Males,		142	-	-	-	-	-	-	1	12	14	13	31	17	6	21	6	12	5	3	1
Females,		26	-	-	-	-	-	9	4	6	2	1	4	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),		8	-	-	1	5	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Wire.		4,048	-	-	5	16	37	45	108	197	578	249	217	239	205	413	438	501	298	214	91
Adults (18 years of age and over):																					
Males,		3,876	-	-	-	4	6	22	65	174	561	241	316	286	202	410	435	501	298	214	91
Females,		93	-	-	-	4	14	13	21	14	10	6	1	3	2	3	1	-	-	-	-
Young persons (under 18 years of age),		74	-	-	5	8	17	10	17	9	5	2	-	-	1	-	-	-	-	-	-

Wool Scouring.												
Adults (18 years of age and over):												
Males,	904	-	-	30	10	114	286	98	114	39	18	117
Females,	32	-	-	1	2	5	-	-	1	-	-	-
Young persons (under 18 years of age),	7	-	-	5	1	-	✓	-	-	-	-	-
Woolen and Worsted Goods.												
Adults (18 years of age and over):												
Males,	32,774	-	2	98	918	5,530	4,194	2,853	2,687	2,954	2,137	1,907
Females,	23,028	-	5	52	3,330	4,250	3,531	2,716	2,141	1,552	817	425
Young persons (under 18 years of age),	6,231	7	80	326	945	2,172	1,609	553	294	104	22	7
All Other Industries.												
Adults (18 years of age and over):												
Males,	29,031	1	1	108	232	330	2,294	2,112	2,018	3,044	2,521	2,752
Females,	8,432	1	17	103	437	905	2,451	1,857	1,141	857	86	46
Young persons (under 18 years of age),	1,986	2	56	210	421	621	366	196	66	29	1	1

TABLE VI. DAYS IN OPERATION.

A. THE STATE: BY INDUSTRIES.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
THE STATE.	9,797	286.6	The State — Con.		
Agricultural implements,	4	304.5	Copper, tin, and sheet-iron products,	125	297.8
Artificial limbs,	6	271.8	Cordage and twine, and jute goods,	14	287.6
Artificial stone products,	36	240.5	Corsets,	11	297.8
Automobiles, including bodies and parts,	75	294.5	Cotton goods,	174	282.8
Awnings, tents, and sails,	53	268.5	Cotton small wares,	23	288.3
Baskets, and rattan and willow ware,	13	277.3	Cutlery and tools, not elsewhere specified,	140	280.4
Belting, leather,	18	304.3	Dental goods,	7	305.0
Belting and hose, woven,	6	287.7	Dyeing and finishing textiles,	56	283.3
Billiard tables and materials,	6	304.2	Dyestuffs and extracts,	15	297.6
Blacking, stains, and dressing,	48	288.1	Electrical machinery, apparatus, and supplies,	90	287.9
Bookbinding and blank-book making,	83	298.5	Electroplating,	45	303.3
Boot and shoe cut stock and findings,	402	284.7	Enameling and japanning,	13	274.8
Boots and shoes,	444	278.7	Engraving and diesinking,	29	275.9
Boots and shoes, rubber,	8	291.5	Engraving, steel and copper plate, including plate printing,	17	304.9
Boxes, cigar,	5	288.4	Envelopes,	13	295.0
Boxes, fancy and paper,	94	289.4	Fancy articles, not elsewhere specified,	17	292.5
Boxes, wooden packing,	96	282.6	Felt goods,	12	280.3
Brass, bronze, and copper products,	61	297.0	Firearms,	6	256.8
Bread and other bakery products,	1,088	295.8	Flavoring extracts,	21	297.0
Brick and tile,	44	183.8	Flour-mill and gristmill products,	83	258.4
Brooms,	20	263.4	Food preparations,	39	261.6
Brushes,	29	290.8	Foundry and machine-shop products,	643	293.6
Butter,	16	265.3	Fur goods,	13	259.5
Buttons,	12	289.2	Furnishing goods, men's,	12	276.5
Canning and preserving,	58	268.8	Furniture,	119	288.0
Carpets and rugs, other than rag,	13	265.7	Galvanizing,	3	301.7
Carpets, rag,	21	278.1	Gas and electric fixtures,	14	287.6
Carriages and sleds, children's,	8	290.6	Gas, illuminating and heating,	50	350.8
Carriages and wagons and materials,	119	294.1	Glass cutting, staining, and ornamenting,	31	280.8
Cars and general shop construction and repairs by steam-railroad companies,	11	282.5	Glue,	9	281.0
Chemicals,	26	278.7	Gold and silver, leaf and foil,	10	262.0
Cleansing and polishing preparations,	17	303.5	Gold and silver, reducing and refining, not from the ore,	6	306.0
Cloth, sponging and re-finishing,	4	305.0	Grease and tallow,	32	280.0
Clothing, men's,	196	282.2	Hand stamps and stencils and brands,	22	294.6
Clothing, women's,	167	278.4	Hardware,	38	275.7
Coffee and spice, roasting and grinding,	20	283.6	Hats and caps, other than felt, straw, and wool,	28	278.3
Coffins, burial cases, and undertakers' goods,	12	297.7	Hats, fur-felt,	6	293.5
Combs and hairpins,	31	286.2	Hats, straw,	21	237.7
Confectionery and ice cream,	230	287.7	Hosiery and knit goods,	59	277.8
Confectionery,	131	282.5	House-furnishing goods, not elsewhere specified,	28	296.6
Ice cream,	99	294.5			
Cooperage,	36	215.3			

TABLE VI. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Ice, manufactured,	7	297.0	Photographic apparatus and materials,	4	303.3
Instruments, professional and scientific,	21	271.4	Photo-engraving,	25	305.0
Iron and steel, steel works and rolling mills,	11	278.6	Plumbers' supplies,	17	272.8
Iron and steel, bolts, nuts, washers and rivets, not made in steel works or rolling mills,	8	293.5	Pocketbooks,	10	277.2
Iron and steel forgings,	11	287.6	Pottary,	8	286.9
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	27	285.3	Printing and publishing,	641	304.7
Jewelry,	159	270.5	Refrigerators,	11	296.6
Jewelry and instrument cases,	10	300.2	Rubber goods, not elsewhere specified,	36	273.5
Labels and tags,	6	305.0	Saddlery and harness,	34	302.6
Lamps and reflectors,	6	298.2	Sausage, not made in slaughtering and meat-packing establishments,	48	298.2
Lasts,	32	288.5	Screws, machine,	16	293.3
Leather goods, not elsewhere specified,	37	281.4	Shipbuilding, wooden, including boat-building,	61	277.6
Leather, tanned, curried and finished,	122	284.4	Shirts,	13	277.8
Lime,	10	296.2	Shoddy, wool,	19	278.0
Linen goods,	7	282.9	Show cases,	11	304.5
Liquors, distilled,	7	293.0	Signs and advertising novelties,	17	275.3
Liquors, malt,	27	280.3	Silk and silk goods, including throwsters,	17	290.6
Lithographing,	14	302.0	Silverware and plated ware,	22	276.9
Looking-glasses and picture frames,	22	290.3	Slaughtering and meat-packing,	36	287.9
Lumber and timber products,	105	189.0	Soap,	32	264.5
Lumber, planing-mill products,	190	278.1	Sporting and athletic goods,	16	301.2
Marble and stone work,	100	256.5	Springs, steel, car and carriage,	6	294.2
Mattresses and spring beds,	51	302.3	Stationery goods, not elsewhere specified,	29	285.8
Millinery and lace goods,	58	290.9	Statuary and art goods,	11	295.8
Mineral and soda waters,	122	277.2	Steam fittings and steam and hot-water heating apparatus,	28	280.6
Mirrors,	8	303.4	Steam packing,	9	296.9
Models and patterns, not including paper patterns,	57	301.4	Stereotyping and electrotyping,	16	293.6
Monuments and tombstones,	178	277.5	Stoves and hot-air furnaces, except gas and oil stoves,	14	239.1
Mucilage and paste,	17	279.1	Structural ironwork, not made in steel works or rolling mills,	47	300.0
Musical instruments and materials not specified,	16	300.9	Surgical appliances,	12	291.8
Musical instruments, pianos and organs, and materials,	47	288.8	Suspenders, garters, and elastic woven goods,	29	296.4
Oil, not elsewhere specified,	14	299.2	Tobacco manufactures,	248	282.4
Paints and varnishes,	31	297.0	Toys and games,	18	253.2
Paper and wood pulp,	86	255.7	Trunks and valises,	20	297.8
Paper goods, not elsewhere specified,	49	286.8	Type founding and printing materials,	6	292.5
Patent medicines and compounds and druggists' preparations,	91	280.9	Upholstering materials,	6	303.0
			Vinegar and cider,	33	125.5
			Waste,	8	295.8
			Watch and clock materials,	6	279.7

TABLE VI. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Whips,	19	280.6	Wooden goods,	22	279.3
Window shades and fixtures,	18	290.5	Wool scouring,	10	299.6
Wire,	8	303.9	Woolen and worsted goods,	156	281.8
Wirework, including wire rope and cable,	32	275.2	Other industries,	260	285.2
Wood, turned and carved,	53	280.5			

B. THE STATE: BY CITIES AND TOWNS.

CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation	CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation
THE STATE.	9,707	286.6	The State — Con.		
Abington,	18	281.8	Douglas,	6	226.3
Acton,	12	278.4	Dudley,	10	270.4
Adams,	27	298.0	Easthampton,	21	285.4
Amesbury,	50	276.7	Easton,	8	282.7
Amherst,	19	276.8	Erving,	5	285.3
Andover,	11	290.0	Essex,	4	206.3
Arlington,	16	284.7	EVERETT,	76	298.2
Ashburnham,	11	246.1	FALL RIVER,	267	295.6
Athol,	31	293.3	FITCHBURG,	112	282.8
ATTLEBORO,	129	278.6	Foxborough,	13	252.4
Ayer,	11	282.8	Frammingham,	42	288.4
Barnstable,	9	240.6	Franklin,	24	282.4
Barre,	7	299.1	Gardner,	54	275.1
Becket,	6	280.0	Georgetown,	7	246.2
Belmont,	6	267.2	GLOUCESTER,	81	291.7
Beverly,	55	291.6	Grafton,	11	279.3
Billerica,	8	287.9	Great Barrington,	17	291.7
Boerum,	2,427	292.6	Greenfield,	45	293.7
Braintree,	18	298.0	Hanover,	7	276.9
Bridgewater,	17	279.2	Hanson,	4	292.7
Brockton,	208	293.5	HAVERHILL,	364	290.6
Brookfield,	4	276.3	Hingham,	8	273.2
Brookline,	16	303.0	HOLYOKE,	170	288.6
CAMBRIDGE,	285	295.2	Hudson,	27	296.9
Canton,	13	290.8	Kingston,	8	278.5
Carver,	7	172.6	LAWRENCE,	184	295.7
CHELSEA,	108	291.4	Lee,	18	279.6
Chester,	6	279.7	Leicester,	10	278.7
CHICOPPE,	49	285.1	Leominster,	69	285.5
Clinton,	27	289.3	Lexington,	6	266.5
Concord,	7	287.3	LOWELL,	249	295.0
Dalton,	8	288.4	LYNN,	402	291.4
Danvers,	24	279.0	MALDEN,	75	287.6
Dartmouth,	5	184.4	Manchester,	6	285.5
Dedham,	13	285.9	Mansfield,	22	262.4
Deerfield,	7	251.6	Marblehead,	24	281.7
Dighton,	9	274.3	MARLBOROUGH,	35	285.6
			MEDFORD,	38	296.2

TABLE VI. DAYS IN OPERATION — Concluded.

B. THE STATE: BY CITIES AND TOWNS — Concluded.

CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation	CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Medway,	9	273.7	Rockport,	14	241.2
MELROSE,	21	298.2	Rowley,	8	303.9
Merrimac,	6	293.2	SALEM,	128	291.3
Methuen,	22	288.3	Saugus,	4	223.8
Middleborough,	26	265.3	Shelburne,	7	258.5
Milford,	48	290.1	Shirley,	5	231.4
Millbury,	24	290.0	SOMERVILLE,	120	297.6
Milton,	4	235.0	South Hadley,	11	271.3
Monson,	8	273.3	Southbridge,	30	288.8
Montague,	16	281.0	Spencer,	15	300.5
Natick,	33	281.5	SPRINGFIELD,	297	294.5
Needham,	19	291.9	Stoneham,	21	291.7
NEW BEDFORD,	201	293.7	Stoughton,	19	282.2
NEWBURYPORT,	52	290.4	Swampscott,	5	282.0
NEWTON,	45	291.4	TAUNTON,	102	269.0
NORTH ADAMS,	60	302.0	Templeton,	16	252.7
North Andover,	9	304.0	Townsend,	7	272.8
North Attleborough,	65	263.4	Uxbridge,	11	288.6
North Brookfield,	8	300.6	Wakefield,	19	293.6
North Reading,	6	303.0	Walpole,	13	274.5
NORTHAMPTON,	61	282.0	WALTHAM,	75	294.9
Northborough,	4	306.0	Ware,	20	298.1
Northbridge,	15	288.1	Wareham,	13	249.6
Norton,	6	248.3	Warren,	6	265.5
Norwood,	22	283.4	Watertown,	15	296.2
Orange,	17	279.9	Wellesley,	6	299.5
Oxford,	8	294.1	West Springfield,	17	285.6
Palmer,	18	292.1	West Stockbridge,	9	299.2
Peabody,	79	286.8	Westborough,	14	272.9
Pepperell,	7	255.4	Westfield,	75	289.0
PITTSFIELD,	63	293.8	Westford,	16	241.3
Plainville,	6	281.3	Weymouth,	30	285.8
Plymouth,	25	283.6	Whitman,	19	277.3
QUINCY,	157	284.9	Williamsburg,	10	290.6
Randolph,	9	290.9	Winchendon,	19	298.6
Raynham,	10	249.4	Winchester,	16	275.4
Reading,	16	285.1	Winthrop,	5	240.0
REVERE,	13	284.9	Woburn,	49	290.7
Rochester,	6	218.6	WORCESTER,	508	290.7
Rockland,	20	278.6			

LAUNDRIES.

[125]

TABLE VII. STEAM LAUNDRIES — 1909-1915.

CITIES AND TOWNS.	Number of Es- tablish- ments	Capital Invested	Cost of Materials Used	Average Number of Wage- earners	Wages Paid	Value of Work Done
The State.						
1909,	280	\$2,951,025	\$903,845	5,958	\$2,582,593	\$5,754,572
1912,	329	4,120,458	1,087,794	7,337	3,885,851	7,778,956
1913,	377	4,542,313	1,259,655	8,100	3,684,570	8,781,826
1914,	391	4,695,798	1,391,900	7,771	3,721,409	8,661,830
1915,	376	5,037,974	1,413,801	7,757	3,978,761	8,675,570
ATTLEBORO.						
1914,	4	\$28,361	\$5,041	40	\$18,904	\$36,904
1915,	4	31,794	5,345	43	21,455	38,572
BEVERLY.						
1909,	3	\$16,995	\$6,023	44	\$12,014	\$34,950
1912,	4	22,492	12,551	84	36,422	82,045
1913,	4	28,376	11,326	78	36,334	75,645
1914,	4	27,943	10,033	66	30,175	81,340
1915,	4	17,540	9,762	74	38,131	79,303
BOSTON.						
1909,	56 ¹	\$712,354	\$264,716	1,725	\$711,344	\$1,601,131
1912,	53	991,344	287,179	2,093	943,267	2,115,790
1913,	63	1,110,791	340,209	2,333	1,062,680	2,411,416
1914,	55	1,108,103	353,223	2,127	941,378	2,297,850
1915,	57	1,149,979	399,499	2,132	1,068,552	2,286,669
BROCKTON.						
1909,	3	\$51,687	\$18,441	116	\$57,884	\$115,368
1912,	5	79,825	21,373	149	82,360	164,117
1913,	5	73,141	21,222	134	88,610	165,501
1914,	6	120,999	18,825	140	81,475	160,609
1915,	4	150,543	24,682	133	75,798	155,380
CAMBRIDGE.						
1909,	7	\$349,011	\$67,235	481	\$216,961	\$494,843
1912,	8	266,085	81,598	531	253,154	564,335
1913,	9	297,377	72,801	518	259,875	592,386
1914,	9	367,717	66,962	448	224,900	563,188
1915,	8	380,932	84,496	498	231,790	541,473
CHELSEA.						
1914,	4	\$31,200	\$12,032	52	\$29,405	\$64,440
1915,	3	23,638	9,600	55	32,153	65,500
CHICOPEE.						
1914,	3	\$16,916	\$5,843	26	\$10,745	\$28,175
1915,	4	18,470	6,246	25	12,776	32,755
EVERETT.						
1914,	3	\$31,782	\$15,009	76	\$27,603	\$82,352
1915,	3	31,039	14,576	74	37,734	79,373
FALL RIVER.						
1909,	10	\$198,243	\$36,476	190	\$97,652	\$216,838
1912,	13	223,941	44,453	244	107,378	243,005
1913,	13	242,382	51,543	247	128,224	299,194
1914,	13	263,308	63,111	250	137,099	302,077
1915,	13	245,329	64,652	236	138,973	304,129
FITCHBURG.						
1909,	4	\$17,211	\$6,290	62	\$25,197	\$52,096
1912,	5	33,709	10,513	86	34,600	75,448
1913,	5	35,950	9,362	89	36,197	79,102
1914,	5	37,198	12,851	83	36,529	68,252
1915,	4	30,820	7,931	83	35,083	64,657

¹ Including three laundries in Hyde Park, which was annexed to Boston in 1912.

TABLE VII. STEAM LAUNDRIES — 1909-1915 — Continued.

CITIES AND TOWNS.	Number of Es- tablish- ments	Capital Invested	Cost of Materials Used	Average Number of Wage- earners	Wages Paid	Value of Work Done
HAVERHILL.						
1909.	6	\$23,320	\$10,469	87	\$40,940	\$86,034
1912.	15	57,801	26,350	146	75,670	153,227
1913.	15	99,855	24,443	174	79,213	178,597
1914.	16	65,060	32,192	171	82,007	180,000
1915.	16	76,198	27,084	164	86,941	183,061
HOLYOKE.						
1909.	4	\$72,610	\$19,605	78	\$39,860	\$82,800
1912.	5	99,863	18,528	79	38,312	109,698
1913.	5	115,267	16,070	94	45,990	113,617
1914.	5	88,030	16,242	68	36,312	95,481
1915.	5	104,847	14,572	72	35,129	92,420
LAWRENCE.						
1909.	9	\$40,220	\$10,679	68	\$26,024	\$66,405
1912.	10	62,370	17,283	104	46,649	148,760
1913.	9	54,066	23,292	112	54,191	132,350
1914.	11	64,900	23,535	123	58,504	132,377
1915.	10	66,141	24,182	107	54,187	118,952
LEOMINSTER.						
1914.	3	\$13,335	\$3,578	35	\$14,895	\$33,500
1915.	3	13,850	5,869	30	15,584	36,125
LOWELL.						
1909.	9	\$54,814	\$30,974	188	\$80,577	\$170,085
1912.	9	107,560	17,344	186	75,402	185,868
1913.	10	80,950	26,092	212	85,874	173,397
1914.	9	66,953	33,810	217	94,742	199,347
1915.	9	82,960	48,164	219	97,802	221,975
LYNN.						
1909.	10	\$107,874	\$48,173	270	\$118,929	\$276,314
1912.	12	167,764	41,032	323	146,696	334,527
1913.	14	206,990	48,010	332	154,432	353,751
1914.	16	257,228	44,967	348	151,526	353,038
1915.	16	291,475	50,220	299	157,990	345,436
MALDEN.						
1909.	3	\$14,000	\$5,274	82	\$42,349	\$64,986
1912.	4	37,249	12,372	97	50,450	93,466
1913.	5	40,814	15,527	123	66,432	118,844
1914.	4	42,549	26,299	122	54,600	119,937
1915.	5	34,610	17,748	131	71,159	121,374
MELROSE.						
1914.	3	\$9,890	\$4,874	17	\$9,187	\$25,996
1915.	3	12,995	3,245	16	8,561	26,160
METHUEN.						
1914.	3	\$14,643	\$4,167	51	\$22,834	\$36,651
1915.	3	15,275	4,740	51	22,969	43,600
NATICK.						
1914.	3	\$19,050	\$3,690	24	\$11,363	\$27,400
1915.	3	16,260	4,180	25	11,330	28,105
NEW BEDFORD.						
1909.	10	\$76,374	\$27,299	180	\$85,740	\$175,172
1912.	14	198,096	36,141	226	121,465	290,400
1913.	14	157,273	51,379	249	138,875	312,358
1914.	13	142,976	47,846	229	126,809	294,490
1915.	15	189,758	50,431	254	148,981	343,297
NEWBURYPORT.						
1909.	3	\$10,761	\$3,213	25	\$10,021	\$25,253
1912.	5	19,968	6,068	39	16,077	45,070
1913.	6	22,872	4,025	40	16,857	47,140
1914.	5	17,340	8,285	38	17,390	41,980
1915.	5	15,312	7,510	50	24,069	47,284

TABLE VII. STEAM LAUNDRIES — 1909-1915 — Continued.

CITIES AND TOWNS.	Number of Es- tablish- ments	Capital Invested	Cost of Materials Used	Average Number of Wage- earners	Wages Paid	Value of Work Done
NORTH ADAMS.						
1914,	4	\$41,103	\$11,240	65	\$29,340	\$62,366
1915,	4	49,285	10,492	68	29,579	68,696
NORTHAMPTON.						
1909,	3	\$15,657	\$6,320	39	\$15,281	\$31,551
1912,	3	23,312	3,967	44	18,966	43,000
1913,	3	21,580	5,862	51	22,478	46,872
1914,	4	16,018	7,320	53	23,390	50,734
1915,	4	18,770	5,609	54	24,396	46,143
PITTSFIELD.						
1914,	3	\$37,016	\$8,787	51	\$37,041	\$52,764
1915,	3	36,350	8,305	47	25,136	48,952
QUINCY.						
1909,	4	\$36,828	\$11,850	40	\$20,666	\$56,393
1912,	5	39,465	7,570	54	28,668	66,298
1913,	5	41,708	10,299	59	33,213	74,325
1914,	7	51,730	14,985	69	34,668	86,516
1915,	4	31,832	10,146	51	31,467	61,994
SALEM.						
1909,	3	\$31,736	\$16,598	149	\$69,614	\$152,212
1912,	4	44,584	23,283	147	77,173	163,343
1913,	4	49,459	23,768	148	77,699	167,652
1914,	5	62,298	22,535	152	82,714	176,825
1915,	4	100,747	17,908	148	81,705	173,575
SOMERVILLE.						
1909,	5	\$32,415	\$8,822	59	\$26,977	\$64,676
1912,	5	17,195	12,106	65	32,649	97,375
1913,	4	19,176	14,931	66	36,210	96,384
1914,	5	19,916	19,908	66	40,894	96,781
1915,	6	35,569	19,674	86	46,581	117,283
SPRINGFIELD.						
1909,	12	\$163,668	\$36,303	252	\$97,496	\$284,732
1912,	11	250,029	51,771	336	170,613	389,441
1913,	12	278,008	68,280	422	212,320	472,474
1914,	13	278,335	57,299	358	182,159	421,202
1915,	14	336,028	65,963	353	190,937	419,865
TAUNTON.						
1909,	5	\$42,775	\$13,238	92	\$24,508	\$72,216
1912,	4	80,770	12,380	94	39,024	87,555
1913,	4	81,235	15,740	92	41,591	95,711
1914,	5	58,325	27,962	95	47,319	103,066
1915,	5	61,563	15,811	102	44,137	96,855
WALTHAM.						
1909,	3	\$34,422	\$10,416	75	\$31,536	\$73,706
1914,	3	27,501	12,475	100	51,726	115,399
1915,	3	36,670	12,178	84	40,579	106,668
WATERTOWN.						
1914,	4	\$87,091	\$44,829	272	\$147,265	\$270,686
1915,	4	101,209	40,960	225	131,358	254,781
WORCESTER.						
1909,	13	\$174,255	\$59,656	357	\$144,116	\$316,215
1912,	12	247,766	71,135	406	184,965	420,738
1913,	12	270,404	75,193	414	190,780	439,221
1914,	11	254,079	84,786	358	184,063	416,376
1915,	11	250,457	75,341	383	186,049	430,253
OTHER CITIES AND TOWNS.						
1909,	95	\$673,795	\$185,775	1,299	\$576,907	\$1,240,594
1912,	118	1,049,599	266,832	1,825	815,982	1,927,460
1913,	156	1,217,132	330,502	2,173	1,016,645	2,336,089
1914,	180	926,943	257,359	1,371	652,548	1,583,786
1915,	117	980,729	246,171	1,355	719,420	1,595,165

Classified Weekly Wages (Rates). General Laundries — 1915.

SEX AND AGE.	Aggre- gates	Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
The State,	7,396	-	11	54	468	1,146	1,123	1,076	820	601	223	420	149	211	303	282	242	129	57	81
Per cent,	100	-	0.1	0.7	6.3	15.5	15.3	14.6	11.1	8.1	3.0	5.7	2.0	2.9	4.1	3.8	3.3	1.7	0.8	1.1
Males (18 years and over),	2,143	-	-	2	9	32	40	69	114	189	91	206	117	179	278	268	233	126	57	73
Per cent,	100	-	-	0.1	0.4	1.5	1.9	3.2	5.3	8.8	4.2	19.4	5.5	8.3	13.0	12.5	10.9	5.9	2.7	3.4
Females (18 years and over),	4,975	-	3	38	333	989	1,043	996	705	412	132	154	32	30	25	14	9	3	-	8
Per cent,	100	-	1	1.0	7.7	19.9	20.9	20.0	14.9	8.3	2.7	3.1	0.6	0.6	0.5	0.3	0.3	1	-	0.1
Young persons (under 18 years of age),	273	-	8	14	76	125	41	11	1	-	-	-	-	2	-	-	-	-	-	-
Per cent,	100	-	2.9	5.0	27.3	45.0	14.7	4.0	0.4	-	-	-	-	0.7	-	-	-	-	-	-

Classified Weekly Wages (Rates). Wet Wash Laundries — 1915.

SEX AND AGE.	Aggre- gates	Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
The State,	394	-	16	34	45	59	59	49	86	75	55	108	43	50	70	49	56	19	8	13
Per cent,	100	-	1.8	3.8	5.0	6.6	6.6	5.5	9.9	8.4	6.1	19.1	4.3	5.6	7.8	5.5	6.3	2.1	0.9	1.5
Males (18 years and over),	721	-	1	8	12	32	31	39	66	67	52	105	43	50	70	49	56	19	8	13
Per cent,	100	-	0.1	1.1	1.7	4.4	4.3	5.4	9.2	9.3	7.2	14.6	6.0	6.9	9.7	6.8	7.8	2.6	1.1	1.8
Females (18 years and over),	157	-	11	24	28	26	26	9	20	7	3	3	-	-	-	-	-	-	-	-
Per cent,	100	-	7.0	15.3	17.8	16.6	16.6	5.7	12.7	4.5	1.9	1.9	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	16	-	4	2	5	1	2	1	-	1	-	-	-	-	-	-	-	-	-	-
Per cent,	100	-	25.0	12.5	31.4	6.3	12.5	6.3	-	6.3	-	-	-	-	-	-	-	-	-	-

: Less than one-tenth of one per cent.

PUBLICATIONS OF THE BUREAU OF STATISTICS

I. REPORT ON THE STATISTICS OF LABOR.

(Public Document No. 15.)

The first Annual Report on the Statistics of Labor was published in 1870, the first Labor Bulletin in 1897, and Special Reports have been issued from time to time as occasion required. Beginning with the year 1913 all of these several publications of the Labor Division of the Bureau have been styled "Labor Bulletins", and a certain number of copies have been set aside for binding and publication at the end of the year under the title of the "Annual Report on the Statistics of Labor." The Labor Bulletins are numbered consecutively as issued, and each number contains matter devoted to one subject, concerning labor or the condition of the wage-earning population or questions of economic or social interest.

A list of the Bulletins issued since January 1, 1915, will be found below, any of which will be mailed to applicants upon request. Persons or organizations desiring to receive the Labor Bulletins as issued will be entered on our mailing list upon making application, and exchanges with publications having reference to industrial and social matters will be gladly made.

(A list of the Reports and Bulletins issued prior to January 1, 1915, will be furnished on application.)

- No. 104, February 1, 1915. Handbook of Labor Laws, 1914.
- No. 105, March 1, 1915. Sixth Annual Report on Labor Organizations, 1913.
- No. 106, April 1, 1915. Fourteenth Annual Directory of Labor Organizations, 1915.
- No. 107, May 1, 1915. Union Scale of Wages and Hours of Labor in Massachusetts, 1914.
- No. 108, June 1, 1915. Immigrant Aliens Destined for and Emigrant Aliens Departed from Massachusetts, 1914.
- No. 109, July 1, 1915. Wages and Hours of Labor in the Manufacture of Paper Products in Massachusetts.
- No. 110, August 1, 1915. Labor Legislation in Massachusetts, 1915.
- No. 111, September 1, 1915. Labor Bibliography, 1914.
- No. 112, November 1, 1915. Seventh Annual Report on Labor Organizations, 1914.
- No. 113, March 1, 1916. Fifteenth Annual Directory of Labor Organizations, 1916.
- No. 114, April 1, 1916. Union Scale of Wages and Hours of Labor in Massachusetts, 1915.
- No. 115, May 1, 1916. Wages and Hours of Labor in Steam and Electric Railway Service in Massachusetts.
- No. 116, September 1, 1916. Labor Legislation in Massachusetts, 1916.
- No. 117, November 1, 1916. Labor Injunctions in Massachusetts.
- No. 118, December 1, 1916. Eighth Annual Report on Labor Organizations, 1915.

II. REPORT ON UNEMPLOYMENT OF ORGANIZED WAGE-EARNERS.

The first Quarterly Report on Unemployment of Organized Wage-Earners was published in May, 1908. A few reports for the following quarters are still available for distribution, and will be sent to any address upon application.

- 1913 — June 30; September 30; December 31.
- 1914 — March 31; June 30; September 30; December 31.
- 1915 — March 31; June 30; September 30; December 31.
- 1916 — March 31; June 30; September 30; December 31.

Annual summaries were published in the Annual Reports on Labor Organizations of which the following are still available for distribution: 1912, 1913, 1914, and 1915. Persons or organizations desiring to receive copies of these reports will be placed upon the mailing list upon making application.

III. REPORT ON THE STATISTICS OF MANUFACTURES.

(Public Document No. 36.)

The first Annual Report on the Statistics of Manufactures was published in 1886. Each report issued prior to 1907 contained comparisons for identical establishments, between two or more years, as to Capital Devoted to Production, Stock and Materials Used, Goods Made, Persons Employed, Wages Paid, and Time in Operation. Beginning with 1907 the comparisons for identical establishments were omitted, and all returns made to the Bureau were included in the tabulations. The Thirty-first Annual Report covering the year 1916 is now being compiled.

IV. REPORT ON THE STATISTICS OF MUNICIPAL FINANCES.

(Public Document No. 79.)

The first Report on the Statistics of Municipal Finances was issued in September, 1908, and covered municipal fiscal years ending between November 30, 1906, and April 1, 1907. The reports for this and for later years contain tabular presentations showing the Cost of Municipal Government in Massachusetts; Summarised Statement of All Receipts and Payments, together with Analysis Tables and Definitions of Terms intended to promote uniformity in accounting and presentation of municipal reports. The first and second reports are now out of print. The ninth Annual Report covers municipal fiscal years ending between November 30, 1914, and March 31, 1915. Any of the reports now in print will be sent upon application.

V. THE MUNICIPAL BULLETIN.

These Bulletins contain matter relating to municipal affairs, especially finances, and are intended to promote a sound and efficient administration of city and town government in Massachusetts. That indicated by an asterisk (*) is now out of print; those which remain in print will be mailed upon application.

No. 1. January, 1910. A Uniform Classification of Municipal Receipts and Payments Prescribed for the Cities and Towns of Massachusetts as a Basis for a Standard System of Accounts and Reports.

No. 2. July, 1910. Recent Legislation relative to Town Finances and Municipal Accounts. (Superseded by Bulletin No. 7.)

No. 3. January, 1911. The Issue and Certification of Town Notes Under the Provisions of Chapter 616 of the Acts of 1910.

No. 4. March, 1911. Outstanding Indebtedness of Certain Cities and Towns of Massachusetts Against which no Sinking Funds are being Accumulated or for the Extinguishment of which no Annual Payments of Principal are being made.

No. 5. July, 1913. Laws relating to Municipal Finances, including the Municipal Indebtedness Act of 1913, the Acts requiring the Certification of Town and District Notes, providing for the Auditing of Accounts, and the Installation of Accounting Systems by the Bureau of Statistics, making of Annual Returns of Financial Transactions, etc. (Superseded by Bulletin No. 7.)

No. 6. July, 1914. Laws relating to Municipal Finances with amendments of 1914. (Superseded by Bulletin No. 7.)

No. 7. July, 1915. Laws relating to Municipal Finances with amendments of 1914 and 1915. (Supersedes Bulletins Nos. 2, 5, and 6.) (Supplement, issued in 1916, contained amendments of 1916.)

VI. REPORT ON THE STATE PUBLIC EMPLOYMENT OFFICES.

(Public Document No. 80.)

Public employment offices are maintained under the jurisdiction of this Bureau in Boston, Springfield, Fall River, and Worcester. The first Annual Report on the State Public Employment Offices was published in 1907. The annual reports contain statistical tables and descriptive matter relative to the work of the offices, and, with the exception of the 1st and 4th (out of print), will be sent upon application. The ninth Annual Report was issued in January, 1916, and covered the year ending November 30, 1915.

VII. SPECIAL REPORTS.

Special reports, except those indicated by an asterisk (*), which are now out of print, will be mailed upon application.

*January 4, 1911. A Special Report on the Cost of Retirement Systems for State and County Employees in Massachusetts.

*January 6, 1911. The Population of Massachusetts as Determined by the Thirteenth Census of the United States, 1910.

April 15, 1912. Report of a Special Investigation relative to the Indebtedness of the Cities and Towns of the Commonwealth.

March 5, 1913. Report of a Special Investigation relative to the Sinking Funds and Serial Loans of the Cities and Towns of the Commonwealth.

August 1, 1913. A Directory of Massachusetts Manufactures, 1913.

August 1, 1914. Report on Power Laundries in Massachusetts, 1913.

VIII. THE DECENNIAL CENSUS.

The Decennial Census of the Commonwealth for 1905 was published complete in four volumes, now out of print. The Decennial Census for 1915 was taken as of the date April 1, 1915, and the returns are now being tabulated.

Public Document

No. 36

The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

THIRTY-FIRST ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

1916



BOSTON
WRIGHT & POTTER PRINTING COMPANY
STATE PRINTERS
1918

ORGANIZATION AND FUNCTIONS OF THE MASSACHUSETTS BUREAU OF STATISTICS

Rooms 250-254 State House, Boston

The Bureau is organized into five permanent divisions: 1. The *Administration Division*, charged with duties supervisory in relation to the several divisions; 2. The *Labor Division*, engaged in the collection and tabulation of statistical and other information relating to matters affecting labor and the condition of the working people, as well as questions of general economic and social interest; 3. The *Manufactures Division*, which collects and tabulates Statistics of Manufactures and publishes a Directory; 4. The *Municipal Division*, which collects and tabulates Statistics of Municipal Finances, audits municipal accounts and installs accounting systems in cities and towns, and supervises the issuance of town notes; 5. The *Public Employment Offices Division*, embracing the administration of the State Public Employment Offices, of which there are four, located respectively at 8 Kneeland Street, Boston; 47 Water Street, Springfield; 182 Bank Street, Fall River; and 48-52 Green Street, Worcester. During the period of taking and compiling the Census a sixth division, the *Census Division*, is organized.

The functions of the Bureau and the duties of the Director are summarized in Section 1 of Chapter 371 of the Acts of 1909, entitled "An Act to Provide for a Bureau of Statistics," as follows:

SECTION 1. There shall be a Bureau of Statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the Commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices . . . ; and to take the Decennial Census of the Commonwealth required by the Constitution and present the results thereof in such manner as the General Court may determine.

PUBLICATION OF THIS DOCUMENT
APPROVED BY THE
SUPERVISOR OF ADMINISTRATION.

The Commonwealth of Massachusetts

THIRTY-FIRST ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

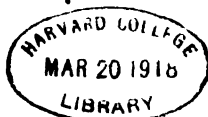
1916

BY THE

DIRECTOR OF THE BUREAU OF STATISTICS



BOSTON
WRIGHT & POTTER PRINTING COMPANY
STATE PRINTERS
1918



Account of...

The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

EXTRACTS FROM CHAPTER 371 OF THE ACTS OF 1909 ENTITLED "AN ACT TO PROVIDE FOR A BUREAU OF STATISTICS."

SECTION 1. There shall be a bureau of statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the decennial census of the commonwealth required by the constitution and present the results thereof in such manner as the general court may determine.

SECTION 4. The director of the said bureau is authorized to prepare a schedule or blank form for the collection of such data as may be, in his judgment, desirable for the proper presentation of statistics of manufactures and the promotion of the industrial welfare of the commonwealth, and the said schedule, unless modified by the director, shall embody inquiries as to, —

- (1) Name of person, partnership or corporation.
- (2) Kind of goods manufactured or business done.
- (3) Number of partners or stockholders.
- (4) Capital invested.
- (5) Principal stock or raw material used, and total value thereof.
- (6) Gross quantity and value of articles manufactured.
- (7) Average number of persons employed, distinguishing as to sex, adults, and children.
- (8) Smallest number of persons employed, and in what month.
- (9) Largest number of persons employed, and in what month.
- (10) Total wages, not including salaries of managers, paid during the year, distinguishing as to sex, adults, and children.
- (11) Proportion that the business of the year bore to the greatest capacity for production of the establishment.
- (12) Number of weeks in operation during the year, part time being reduced to full time.

The said schedule shall be sent by mail annually, on or before the fifteenth day of December, to the owner, operator, or manager of every manufacturing establishment in the commonwealth, and such owner, operator, or manager, or any other person to whom the schedule or blank form is sent shall answer the inquiries thereon and return the same to the bureau properly certified as to its accuracy, not later than the following twentieth day of January: *provided, however*, that the director may, in his discretion, extend the time for returning the schedule beyond said twentieth day of January.

CONTENTS.

	PAGE
INTRODUCTION,	v
The report for 1916 covers returns from 9,829 establishments,	v
Comparisons for All Industries, 1895-1916, inclusive,	vi-vii
The leading industries,	viii-xi
Exports,	xi-xxii
Comparisons for seven leading industries, 1907-1916 inclusive,	xxiv-xxx
Boots and shoes, exclusive of cut stock and findings,	xxiv
Cotton goods, including cotton small wares,	xxv
Electrical machinery, apparatus, and supplies,	xxvi
Foundry and machine-shop products,	xxvii
Leather, tanned, curried, and finished,	xxviii
Paper and wood pulp,	xxix
Woolen and worsted goods, including felt goods,	xxx
The cities,	xxxi-xxxv
Comparisons for the 36 cities, 1895-1916,	xxxi-xxxv
Metropolitan Boston,	xxxvi, xxxvii
The principal industries,	xxxvi
The towns,	xxxvii
Character of ownership, and value added by manufacture,	xxxviii, xxxix
Employment, by months,	xxxix-xlii
Number of wage-earners employed on December 16, 1916,	xlii, xliii
Classified weekly wages,	xliii-xlix
Days in operation,	l
Laundries,	l, li
Conclusion,	li
TABULAR PRESENTATIONS,	1-131
Table I:	
A. Capital invested, materials used, wages paid, wage-earners, and product for the State: By industries,	2-11
B. The 36 cities: By industries,	12-29
C. Metropolitan Boston: By industries,	30-35
D. Metropolitan Boston: By cities and towns,	36, 37
E. The 114 towns having three or more manufacturing establishments,	38-44
Table II. Character of ownership for 19 selected industries and for All Industries,	45-48
Table III. Average number of wage-earners employed each month: By industries,	49-75
Table IV. Number of wage-earners employed on December 16, 1916,	76-79
Table V. Classified weekly wages: By industries,	80-119
Table VI. Days in operation,	120-123
A. The State: By industries,	120-122
B. The State: By cities and towns,	122, 123
Table VII. Laundries,	127-131

STATISTICS OF MANUFACTURES—1916.

INTRODUCTION.

The year 1916 finds Massachusetts in the busiest period of her manufactures and in a position of great advantage as regards the development of her export trade. Greatly increased home consumption, — the unfailing accompaniment of a general rise in wages, — as well as the military consumption of all kinds of Massachusetts-made goods have called out the resources of every shoe factory and textile mill, every tannery and machine shop within the State and given us the grand aggregate for value of goods produced, as returned from 9,829 establishments for this, the Thirty-first Report on the Statistics of Manufactures, of \$2,349,933,003, — exceeding the product for 1915 (\$1,692,445,366) by \$657,487,637, or 38.8 per cent, and exhibiting an increase in a *single year* greater than in any *five-year* period covered by United States censuses of Manufactures since 1895. At the same time the value of our exports rose from \$111,720,716 in 1915 to \$164,901,984 in 1916, — 47.6 per cent in a single year, or more than four times as great as in 1914 when the total stood at \$39,670,307.

The data for All Industries for 1915 and 1916 for manufactures are as follows:

	1915	1916	INCREASE	
			Amount	Per Cent
Number of establishments,	9,707	9,829	122	1.3
Capital invested,	\$1,550,080,995	\$1,791,050,092	\$240,969,097	15.5
Cost of stock and materials used,	\$959,668,457	\$1,354,433,202	\$394,770,745	41.1
Wages paid,	\$346,243,472	\$447,957,731	\$101,714,259	29.4
Wage-earners,	596,348	682,621	86,273	14.5
Value of product,	\$1,692,445,366	\$2,349,933,008	\$657,487,637	38.8

While our returns do not reflect the condition of industry in terms of quantity and it must, therefore, be admitted that increases expressed only in terms of cost and selling values do not, especially in periods when these are abnormally high, constitute an absolute measure of the increase in actual amount of stock and materials used and volume of output, it must be conceded that such a tremendous increase in costs is not wholly to be attributed to high prices, but must be regarded as due, also, in large part, to an increase in the actual quantity of materials necessary to the manufacturing processes, and that the large increase indicated in the value of product must also, in part, be attributable to a tremendous increase in the volume of goods made as well as to the price procured for the same.

That this must be true is apparent from the increase in the number of wage-earners employed, for if the increase in the value of stock and materials used and in the manufactured output were due wholly to high costs and prices and not to increased production, there need necessarily be no increase in the number of wage-earners employed in industry. Certainly, however, when we find that there were actually over 86,000 more wage-earners employed in 1916 than in 1915, we know that there was a tremendous increase in the actual quantity of goods produced; and when we note that this increase in the number of wage-earners amounted to 14.5 per cent and that the highest average per cent of increase per year in any census period as far back as 1895 was 3.9, — as shown by the figures in the succeeding table, — we can form some conception of the extent of the expansion in the manufacturing industries of Massachusetts during the last calendar year.

ALL INDUSTRIES.

CENSUS PERIODS.	Value of Product	Increase	Per Cent of Increase	Average Per Cent of Increase per Year
1895.	\$734,652,132	—	—	—
1899.	907,626,439	\$173,074,307	23.5	5.9
1904.	1,124,092,051	216,465,612	23.8	4.8
1909.	1,490,529,386	366,437,335	32.6	6.5
1914.	1,641,373,047	150,843,661	10.1	2.0
ONE YEAR.				
1915.	1,692,445,366	—	—	—
1916.	2,349,933,003	657,487,637	38.8	38.8

ALL INDUSTRIES—Concluded.

CENSUS PERIODS.	Value of Stock and Materials	Increase	Per Cent of Increase	Average Per Cent of Increase per Year
1895,	\$406,026,692	—	—	—
1899,	498,655,038	\$92,628,341	22.8	5.7
1904,	626,410,431	127,755,398	25.6	5.1
1909,	830,764,943	204,354,512	32.6	6.5
1914,	981,383,793	100,618,850	12.1	2.4
ONE YEAR.				
1915,	959,662,457	—	—	—
1916,	1,354,433,202	\$394,770,745	41.1	41.1

CENSUS PERIODS.	Amount paid in Wages	Increase	Per Cent of Increase	Average Per Cent of Increase per Year
1895,	\$186,723,992.	—	—	—
1899,	195,278,276	\$28,554,284	17.1	4.3
1904,	232,388,946	37,110,670	19.0	3.8
1909,	301,173,484	68,784,518	29.6	5.9
1914,	341,309,517	40,136,033	13.3	2.7
ONE YEAR.				
1915,	346,243,472	—	—	—
1916,	447,957,731	101,714,259	29.4	29.4

CENSUS PERIODS.	Average Number of Wage- Earners	Increase	Per Cent of Increase	Average Per Cent of Increase per Year
1895,	382,563	—	—	—
1899,	438,234	55,671	14.6	3.7
1904,	488,399	50,165	11.4	2.3
1909,	584,559	96,160	19.7	3.9
1914,	606,698	22,139	3.8	0.8
ONE YEAR.				
1915,	596,348	—	—	—
1916,	682,621	86,273	14.5	14.5

CENSUS PERIODS.	Number of Estab- lishments	Increase	Per Cent of Increase	Average Per Cent of Increase per Year
1895,	8,692	—	—	—
1899,	10,929	2,237	25.7	6.4
1904,	10,723	206 ¹	— ¹	— ¹
1909,	11,684	961	9.0	1.8
1914,	12,013	329	2.8	0.6
ONE YEAR.				
1915,	9,707 ²	—	—	—
1916,	9,829 ²	122	1.3	1.3

¹ Decrease.² The smaller number of returns in 1915 and 1916 as compared with the Census year 1914 is due principally to the elimination of the following classes of establishments from the returns: Those employing no wage-earners; country saw and gristmills; and publishing establishments which do no printing.

The unparalleled increase shown in the totals for All Industries obtains also for each of the leading industries. In *Boots and shoes*, the most prosperous conditions prevailed. The increased use of leather for army shoes and equipment as well as for automobile upholstery, coupled with a temporary embargo on raw skins in foreign markets resulted in greatly enhanced prices for materials, but it will be noted that an average of 9,503 additional wage-earners found employment in this industry in 1916, and that the increase in the factory pay roll over the preceding year amounted to nearly \$12,000,000; the increase in cost of materials amounted to \$45,085,216, or 36 per cent over 1915, and the value of goods produced rose from \$204,042,623 in 1915 to \$269,263,600 in 1916, an increase of 32 per cent. This, the highest level ever yet reached in the boot and shoe industry, does not take into account the auxiliary manufacture of *Boot and shoe cut stock and findings*, for which there was an extensive demand in 1916 and the increased production of which was relatively even greater than that of Boots and shoes. The value of cut soles, heels, etc., made and sold as such, in 1916 was \$88,328,913, as against \$59,585,701 in 1915, an increase of 48.2 per cent, which, if included as an integral part of the shoe industry carries the total production for 1916 to \$357,592,513.

In *Cotton goods, including Cotton small wares* we find similarly prosperous conditions. The greatly increased demand for automobile tire cloth for domestic and foreign consumption and the new cloth fabric substitutes for leather soles, uppers, and vamps, contributed to make the year 1916 register the highest level in value of output, and, particularly in the last quarter of the year, the largest number of wage-earners ever employed in the industry. A considerably reduced cotton crop operated to keep the cost of materials high, the increase in this respect over 1915 amounting to 44.4 per cent, while the value of goods manufactured advanced 39.4 per cent, rising from \$197,594,533 in 1915 to \$275,484,046 in 1916. The increase in wages is perhaps the most interesting feature, an increment of upwards of ten million dollars over 1915 appearing, while the increase in average number of wage-earners employed in 1916 amounted to only 2.6 per cent over the preceding year.

Conditions in *Electrical machinery, apparatus, and supplies* present no exception to the general upward movement in the cost of materials and in value of goods produced, increases of 62.1 and 50.8 per cent respectively, appearing in these items. Of particular interest, however, are the increases in the average number of wage-earners from 17,342 to 22,255, or 28.3 per cent, and in the total amount paid in wages of \$4,437,849, or 38.3 per cent as compared with 1915.

The keenest activity in 1916, however, centered in *Foundry and machine-shop products*. During the past two years this industry has exhibited marvellous development, particularly as regards the addition of new buildings to factories already existing and the supplementary installation of machinery designed to augment production. Not only has the demand for lathes and planers, for drills, shapers, grinding and milling machines, gear cutters, and general machine tools speeded up every machine shop, but the pressing requirements of war, — manufactures of shell forgings and parts, detonators, all sorts of castings, gauges, jigs, tools, and fixtures, — have fallen largely to this industry, and taxed to the utmost capacity establishments specializing in such goods, some of them running night and day to fill their orders. The value of goods produced increased 69 per cent in a single year, rising from \$103,960,727 in 1915 to \$175,876,112 in 1916. The increase in the cost of materials registered an even higher mark, — 79 per cent over 1915, — the number of wage-earners increased 43.9 per cent (from 45,640 to 65,661), while an additional \$19,074,579 in wages were paid in the industry, representing an advance of 58 per cent over the preceding year.

In *Leather, tanned, curried, and finished*, greater activity prevailed than in the related industry, Boots and shoes, the demand for goods by no means being confined to domestic consumption. The expansion in this industry in 1916 as compared with 1915 more than equaled the development shown for the preceding decade, the value of goods made rising from \$45,383,398 in 1915 to \$73,858,509 in 1916 or 62.7 per cent; nor does this amount include custom work on leather approximating \$12,000,000 in value which was finished under contract, the hides and skins proper being owned by establishments other

than those doing the work, and, therefore, not directly included in our returns. The increase in cost of materials in 1916, exceeding 65 per cent, is due in part, to the rise in the price of skins, considerable quantities of which were withheld abroad and used, with wool on, for soldiers' coats. The total amount paid in wages increased 51 per cent, and 2,683 more wage-earners were employed in the industry in 1916 than in 1915, representing an increase of 26.3 per cent.

Paper and wood pulp. As is well known, the prices of the goods produced in this industry have soared to amazing proportions and it is not surprising to find that an increase of 60 per cent in the cost of materials used is reflected in a similar percentage of increase in value of product which rose in 1916 from little more than forty millions of dollars, the average of the preceding decade, to \$70,497,358. Book papers were in special demand and the mills engaged in this branch of manufacture were exceptionally busy. A better measure of the real advance during the year, however, is found in the percentage of increase in the number of wage-earners employed, 7.7 per cent over 1915, and in the factory pay roll which rose from \$7,390,568 to \$9,518,226, or 28.8 per cent.

Woolen and worsted goods, including Felt goods experienced a year of particular prosperity, the machinery being very fully and continuously employed while the increase in value of product between 1915 and 1916, 46.3 per cent, was greater than for any five-year period since 1895. Comparable with conditions in other industries, the world shortage of raw wool induced a generally higher price level for materials used, but it is significant that in every branch of this industry more wage-earners were employed than in 1915 and that the increase in the factory pay roll more than kept pace with the increase in the numbers of employees. The value of product rose from \$143,628,515 in 1915 to \$210,158,989 in 1916 or 46.3 per cent, the cost of materials advanced nearly 45 per cent, the average number of wage-earners rose from 53,268 to 57,798 or approximately nine per cent, and the total amount paid in wages from \$26,367,140 to \$34,989,748, or an increase of 32.7 per cent.

In view of the remarkable expansion in our Massachusetts industries, it is evident that we are launching into a new stage

of development, comparable with the stimulus exerted through the advent of the Guilds into Europe, and perhaps as wonderful in its way as was the Industrial Revolution itself, — a stage of development which promises exceptional opportunities for us in the export field, as the data on this subject in the following pages will serve to show.

EXPORTS.

Exports for the year 1916 have more than kept pace with the increase in our manufacturing capacity. Conditions, beyond all precedent, which were not foreseen three years ago and which have redounded to our economic advantage, have been suddenly thrust upon us, taxing our resources in many directions, not the least of which has been the demand on our manufacturing establishments to supply foreign markets. The development during 1916 is highly promising, and it is encouraging to note the improvement in the records kept of exports by our manufacturers, although it is still undoubtedly true that large quantities of our goods are ultimately shipped abroad through independent export houses and selling agencies of which no record is available. The new federal law regarding export licenses, effective in October, 1917, and requiring in connection with other information the name of the consignee and the ultimate destination of goods, will enable us to secure more complete data on this interesting subject in the future.

The total value of all exports of Massachusetts-made goods as returned from 1,774 establishments in 1916 amounted to \$164,901,984, or a little over seven per cent of the total production, the increase over the preceding year amounting to \$53,181,268, or 47.6 per cent, whereas the value of all goods *produced* rose from \$1,692,445,366 in 1915 to \$2,349,933,003 in 1916, or an increase of 38.8 per cent.

The totals for 1916 with similar data for 1914 and 1915 are presented, by industries, in the following table:

INDUSTRIES.	NUMBER OF ESTABLISHMENTS			VALUE OF GOODS EXPORTED			Per Cent of Increase 1916 over 1915
	1914	1915	1916	1914	1915	1916	
All Industries.	1,196	1,649	1,776	\$39,679,397	\$111,729,716	\$164,301,964	47.6
Automobiles,	4	6	5	91,421	441,029	243,481	44.8
Boots and shoes:	198	316	339	6,965,694	26,608,635	34,039,197	14.9
Boot and shoe cut stock and findings,	83	130	127	1,177,173	2,335,667	4,902,473	106.9
Boots and shoes,	116	186	202	5,788,523	27,272,966	29,136,724	6.8
Canning and preserving fish,	7	9	9	80,000	759,899	1,053,514	38.6
Chemicals,	5	10	7	37,102	506,052	905,226	78.9
Clothing, men's,	12	9	12	47,930	119,900	207,331	73.4
Combs and hairpins,	6	11	12	14,539	66,563	207,912	35.8
Confectionery,	14	14	14	39,774	139,041	207,912	49.5
Cotton goods,	22	42	53	2,796,583	5,635,220	11,136,048	97.7
Foundry and machine-shop products,	221	295	308	3,162,578	12,128,140	36,561,183	201.5
Furniture,	15	18	18	167,789	169,512	159,579	6.9 ¹
Hats, straw,	6	9	8	99,359	149,336	147,331	1.2 ¹
Hosiery and knit goods,	8	15	19	155,509	1,461,763	2,380,489	62.9
Jewelry,	35	53	66	121,438	373,892	737,131	97.3
Leather, tanned, curried, and finished, ²	33	38	42	4,694,377	11,556,869	13,855,709	19.9
Lumber and timber products,	10	8	8	248,031	330,761	234,563	39.1 ¹
Musical instruments, pianos and organs, and materials,	11	16	12	54,583	108,221	147,961	36.7
Paper and wood pulp,	26	47	46	507,076	496,856	692,113	42.2
Paper goods, not elsewhere specified,	11	23	23	249,777	373,155	555,896	49.4
Patent medicines and compounds,	13	24	24	330,838	458,695	425,046	7.3 ¹
Rubber goods, exclusive of rubber boots and shoes,	8	12	13	87,746	513,243	1,001,377	96.1
Silverware and plated ware,	3	8	8	183,120	205,989	217,756	6.7
Sporting and athletic goods,	6	9	9	85,773	113,912	102,185	10.3 ¹
Steam fittings and steam and hot-water heating apparatus,	11	16	18	274,872	706,547	894,403	26.6
Suspenders, garters, and elastic woven goods,	4	8	15	166,455	297,444	532,330	79.1
Toys and games,	4	8	9	16,051	67,247	73,153	8.8
Wire and wire goods,	10	15	15	83,241	801,153	1,627,507	103.1
Woolen and worsted goods, including felt goods,	9	45	36	512,996	7,353,610	4,167,438	43.3 ¹
Other industries,	488	566	576	18,445,156	36,894,373	52,331,977	42.9

¹ Decrease.² Including leather belting.

As growth is apparent in nearly every phase of manufacturing, it is encouraging to note that the principal increases in exports are in our staple goods. When we consider, for example, that the United States in her foreign commerce during the year 1916 exported *Boots and shoes* to the value of \$42,524,196 and that Massachusetts factories participated in this total to the extent of \$29,126,724, or 68.5 per cent, and contributed, moreover, an additional five millions (\$4,902,473) in the form of soles, heels, and ready-made parts for our foreign customers to assemble into the completed article, we can readily appreciate how indispensable to world prosperity are the enterprise and efficiency of our Massachusetts shoe manufacturers. In combination, the value of these goods exported rose from \$29,608,633 in 1915 to \$34,029,197 in 1916, or an increase of approximately 15 per cent.

Exports of *Leather, tanned, curried, and finished*, — the more remarkable when we consider the demands for home consumption in 1916 and the excellent opportunities of the domestic market, — rose from \$11,556,869 to \$13,855,709, or nearly 20 per cent increase, and contributed approximately 14 per cent to the United States total of leather exports which, in 1916, amounted to \$100,501,917.

Over and above all others, however, were the exports of *Foundry and machine-shop products*. The plants engaged in their manufacture were not only exceptionally busy with orders for goods to meet the greatly increased needs of the expanded industry itself, viz.: machine tools and machine-shop equipment, but were also busy turning out enormous quantities of special gauges, jigs, and fixtures, as well as the more immediate military supplies, — shell cases and parts, detonators, castings, and machine-screw products. Whatever may be said regarding the permanency of the markets for goods of this character, it is certain that they contributed greatly to the activity prevalent during the year 1916, the value of exports rising from \$12,128,140 in 1915 to \$36,561,182 in 1916, or a gain of over 200 per cent.

Our exports of *Cotton goods*, comprising particularly automobile tire cloth, were practically doubled in 1916, while the decline noted in *Woolen and worsted goods* is not surprising in

view of the fact that the uniform cloths and blankets, which formed the bulk of the exports in 1915, were dispatched on emergency orders consequent upon the temporary disorganization of the textile industry in the allied countries. Under ordinary conditions our exports of woollen goods are unimportant, although 1916 ushered in the initial development of these lines in South American markets.

Exports of *Hosiery and knit goods*, almost negligible in 1914 and amounting in 1915 to \$1,461,763, exhibit a gain of 62.9 per cent in 1916, the value being \$2,380,489. This industry would seem to be capable of indefinite expansion since we have both the raw material and the factory equipment adapted to its manufacture, and with increased application of machinery to production these goods could undoubtedly be manufactured in quantities sufficient to compete successfully with countries having cheaper labor than our own.

Other industries which exhibit high percentages of increase are *Rubber goods, not including rubber boots and shoes*, exports of which rose from \$513,243 in 1915 to \$1,001,277 in 1916, or 95.1 per cent, and those of *Wire and wire goods*, from \$801,153 in 1915 to \$1,627,507 in 1916, or 103.1 per cent.

Destination of Goods.

Peculiar interest attaches itself to the countries trading with us, data concerning which have also been secured. Of the total for *All Industries*, it will be noted that England purchased a little more than 30 per cent in 1916, the amount increasing in value from \$34,819,693 in 1915 to \$51,217,514, or 47.1 per cent. Exports to Russia, forming 17.5 per cent of the total in 1916, exhibit an increase of 190.5 per cent over 1915; while Canada, our customer to the extent of nine per cent of the total in 1916, exhibits increase of 78.4 per cent in the amount of her purchases as compared with the previous year. Substantial increases are shown in our export trade with some of the other countries, notably, South America which registers a 77.3 per cent increase, the West Indies, 54.2 per cent, Mexico, 96.2 per cent, Japan, 191.2 per cent, China, 190.7 per cent, Australia, 145.7 per cent, and Africa, 29.3 per cent.

Of the *Boots and shoes* exported, Russia, our principal customer in 1916, took slightly more than one-third, the value rising from \$7,295,858 to \$9,888,837, or a gain of approximately 36 per cent over 1915. Italy purchased goods amounting to 26.1 per cent of the total although the value receded from the level of 1915, the goods for that year being principally army orders which were not duplicated in 1916. England, notwithstanding her own extensive manufactures in this line, was represented to the extent of 9.3 per cent of the total, the value doubling in amount as compared with 1915, while her purchases of cut stock and findings also rose from \$1,334,620 to \$2,314,911, an increase of 73.5 per cent in 1916. The value of shoes sent to France dropped from \$782,794 in 1915 to \$351,532, but this reduction was offset by the exports of cut stock and findings from which the shoes could be made up, the value advancing from \$50,455 in 1915 to \$815,392, simultaneous with an increase in the exports of Leather to that country from \$1,509,823 in 1915 to \$2,093,144, or 38.6 per cent. Improvement appears also in our trade with Mexico, with Central America and South America, with Cuba and the other West Indies, and, notwithstanding the difficulties of transportation, the exports of shoes to Africa, Asia, and Oceania also exhibit substantial gains.

As regards *Foundry and machine-shop products*, England again appears at the head of the list, her purchases from us in 1916 amounting to \$15,277,807, or 41.7 per cent of the total, while the increase in value as compared with 1915 registers more than 242 per cent. Goods in this line were imported by Russia to the extent of \$7,691,177, or 21 per cent of the total, an increase in her purchases as compared with the previous year amounting to 672 per cent, while our exports to France, \$4,328,421, represented 11.8 per cent of the total for 1916, and a ratio exceeding 100 per cent of her purchases in the previous year.

Detailed data for 1916 and 1915 are given, by countries, in the tables, pages xvi-xxii and attention is called to the chart on page xxiii, which exhibits the growth in value of product in three of the leading industries of the State since 1879, and to the subsequent tables which present data for manufactures for consecutive years beginning with 1907.

EXPORTS — ALL INDUSTRIES.

COUNTRIES.	NUMBER OF ESTABLISHMENTS REPORTING		VALUE OF EXPORTS		Per Cent of Increase over 1915	PER CENT OF TOTAL	
	1915	1916	1915	1916		1915	1916
Total.	1,649	1,774	\$111,729,716	\$164,961,984	47.6	100.9	100.0
Canada,	1,040	1,302	8,367,703	14,925,510	78.4	7.5	9.0
British Provinces,	-	215	-	1,253,344	-	-	0.8
Mexico,	101	130	313,256	614,552	96.2	0.3	0.4
Central America,	107	111	955,928	1,343,931	30.1	0.9	0.7
South America,	297	367	3,866,190	6,861,405	77.3	3.5	4.2
West Indies,	-	-	5,150,509	7,940,811	54.2	4.6	4.8
Cuba,	343	417	3,923,582	5,871,921	49.7	3.5	3.6
Other West Indies,	263	184	1,226,927	2,068,890	68.6	1.1	1.2
Hawaii,	122	140	305,843	436,885	42.8	0.3	0.3
Europe,	-	-	76,145,566	118,664,708	48.0	68.1	68.3
England,	625	592	34,819,693	51,217,514	47.1	31.2	31.0
Russia,	106	138	9,928,237	28,844,242	190.5	8.9	17.5
France,	179	211	8,560,981	10,822,469	26.4	7.7	6.6
Italy,	125	137	11,935,897	10,743,178	10.0 ¹	10.7	6.5
Norway and Sweden,	50	124	376,315	2,772,702	636.8	0.3	1.7
Spain,	83	97	615,681	1,109,468	80.2	0.6	0.7
Denmark,	23	60	270,893	590,440	118.0	0.2	0.4
Belgium,	16	15	2,052,186	547,710	73.3 ¹	1.8	0.3
Switzerland,	14	20	233,586	542,742	132.4	0.2	0.3
Holland,	23	46	230,483	872,181	61.5	0.2	0.2
Scotland,	11	15	18,896	136,144	620.4	- ²	0.1
Greece,	10	17	31,101	42,287	36.0	- ²	- ²
Germany,	35	12	293,864	37,123	87.4 ¹	0.3	- ²
Austria-Hungary,	9	4	9,534	5,031	48.8 ¹	- ²	- ²
Europe, not specified,	148	105	6,767,917	4,881,527	27.9 ¹	6.0	3.0
Asia,	-	-	1,190,363	3,553,660	114.5	1.0	1.6
Japan,	73	110	368,467	1,072,822	191.2	0.3	0.7
China,	59	96	237,699	691,012	190.7	0.2	0.4
India,	68	81	358,894	448,389	24.9	0.3	0.3
Asia, not specified,	25	38	225,303	341,437	51.5	0.2	0.3
Oceania,	-	-	3,553,078	5,451,031	35.2	3.3	3.1
Australia,	101	101	407,334	1,000,761	145.7	0.4	0.6
Philippine Islands,	126	134	686,319	701,763	2.3	0.6	0.4
Oceania, not specified,	75	68	1,459,425	1,748,507	19.8	1.3	1.1
Africa,	102	122	1,048,387	1,355,930	29.3	0.9	0.8
Countries not specified,	122	114	11,820,893	11,600,217	1.9 ¹	10.6	7.0

¹ Decrease.² Less than one-tenth of one per cent.

EXPORTS — BOOTS AND SHOES.

COUNTRIES.	NUMBER OF ESTABLISHMENTS REPORTING		VALUE OF EXPORTS		Per Cent of Increase over 1915	PER CENT OF TOTAL	
	1915	1916	1915	1916		1915	1916
Total.	196	202	\$27,372,906	\$29,126,724	6.8	100.0	100.0
Canada,	88	92	1,378,438	1,154,553	9.7 ¹	4.7	4.0
Mexico,	14	15	180,492	285,084	118.4	0.6	1.0
Central America,	17	17	111,350	177,066	59.5	0.4	0.6
South America,	43	35	849,842	878,442	2.8	3.1	3.0
West Indies,	-	-	2,448,871	3,319,809	35.6	9.0	11.8
Cuba,	116	117	2,244,426	2,661,338	18.6	8.2	9.1
Porto Rico,	-	56	-	391,923	-	-	1.3
Other West Indies,	62	18	203,845	265,948	30.5	0.8	0.9
Hawaii,	23	26	82,373	100,923	22.5	0.3	0.4
Europe,	-	-	\$1,893,870	\$1,581,630	1.4	78.1	74.0
Russia,	17	13	7,205,888	9,888,837	35.5	26.7	33.9
Italy,	25	23	10,315,627	7,605,306	26.3 ¹	37.8	26.1
England,	50	56	1,309,946	2,716,042	107.3	4.8	9.3
France,	21	16	782,794	351,532	55.1 ¹	2.9	1.2
Belgium,	4	3	1,135,633	344,756	69.6 ¹	4.2	1.2
Norway and Sweden,	6	19	106,393	315,116	196.2	0.4	1.1
Denmark,	5	11	142,146	212,001	49.1	0.5	0.7
Switzerland,	3	-	15,620	- ²	-	0.1	-
Germany,	4	-	6,670	- ²	-	-	-
Europe, not specified,	21	23	183,183	148,040	19.2 ¹	0.7	0.5
Oceania,	-	-	456,971	600,408	31.4	1.7	2.1
Australia,	15	11	48,326	74,551	54.3	0.2	0.3
Philippine Islands,	33	34	345,203	311,184	9.9 ¹	1.3	1.1
Oceania, not specified,	7	8	63,442	214,673	238.4	0.2	0.7
Asia,	-	-	38,784	189,636	388.8	0.1	0.7
India,	7	9	27,359	109,125	298.9	0.1	0.4
China,	9	11	11,425	80,511	604.1	- ³	0.3
Africa,	23	23	260,931	411,846	57.8	1.0	1.4
Countries not specified,	15	17	321,625	432,378	34.4	1.1	1.5

¹ Decrease.² Included in Europe, not specified, in order not to disclose the operations of individual establishments.³ Less than one-tenth of one per cent.

EXPORTS — BOOT AND SHOE CUT STOCK AND FINDINGS.

COUNTRIES.	NUMBER OF ESTABLISHMENTS REPORTING		VALUE OF EXPORTS		Per Cent of Increase over 1915	PER CENT OF TOTAL	
	1915	1916	1915	1916		1915	1916
Total.	126	127	\$2,335,667	\$4,992,673	199.3	100.0	100.0
Canada,	75	74	372,755	458,562	23.0	16.0	9.4
South America, . . .	19	23	125,375	155,785	24.3	5.4	3.2
West Indies,	-	-	13,063	17,375	33.1	0.6	0.4
Cuba,	8	13	10,558	13,929	31.9	0.5	0.3
Other West Indies, .	5	5	2,495	3,446	38.1	0.1	0.1
Europe,	-	-	1,668,176	4,016,046	140.7	71.4	81.6
England,	58	50	1,334,630	2,314,911	73.5	57.1	47.2
France,	10	14	50,455	815,392	1,516.1	2.2	16.6
Norway and Sweden, .	-	10	-	412,656	-	-	8.4
Holland,	4	4	133,607	111,707	16.4 ¹	5.7	2.3
Italy,	3	6	8,394	21,011	150.3	0.4	0.4
Switzerland,	3	-	45,224	- ²	-	1.9	-
Spain,	3	-	4,675	- ²	-	0.2	-
Europe, not specified, .	9	13	91,301	340,369	273.2	3.9	6.9
Oceania,	-	-	48,549	35,367	37.1 ¹	2.0	0.7
Australia,	13	10	35,444	23,672	33.2 ¹	1.5	0.5
Philippine Islands, .	4	5	9,833	11,695	19.1	0.4	0.2
Oceania, not specified, .	4	-	3,275	- ²	-	0.1	-
Africa,	3	-	2,303	- ²	-	0.1	-
Countries not specified, .	17	30	106,463	219,338	106.0	4.5	4.5

¹ Decrease.² Included in Europe, not specified, in order not to disclose the operations of individual establishments.³ Included in Countries not specified, in order not to disclose the operations of individual establishments.

EXPORTS — COTTON GOODS.

COUNTRIES.	NUMBER OF ESTABLISHMENTS REPORTING		VALUE OF EXPORTS		Per Cent of Increase over 1915	PER CENT OF TOTAL	
	1915	1916	1915	1916		1915	1916
Total.	43	58	\$5,625,220	\$11,120,948	97.7	100.0	100.0
Canada,	37	35	262,167	724,921	180.3	4.6	6.6
Central America, . . .	3	8	122,874	417,586	239.8	2.2	3.8
South America, . . .	9	14	96,688	506,304	423.9	1.7	4.5
West Indies,	-	-	519,465	1,008,305	94.8	9.2	9.0
Cuba,	8	8	288,210	531,484	84.4	5.1	4.8
Other West Indies, .	8	11	238,275	471,811	106.7	4.1	4.2
Europe,	-	-	723,179	2,089,991	176.9	13.0	18.8
England,	12	12	247,804	1,006,390	306.1	4.4	9.0
France,	5	-	398,318	- ¹	-	7.0	-
Europe, not specified, .	5	18	92,057	1,022,001	1,011.9	1.6	9.2
Oceania,	-	-	397,543	100,820	74.6 ²	7.1	0.9
Philippine Islands, .	4	6	21,587	100,820	368.1	0.4	0.9
Oceania, not specified, .	3	-	376,006	- ³	-	6.7	-
Africa,	-	5	-	8,791	-	-	0.1
Countries not specified, .	17	19	2,506,344	6,335,330	80.8	62.2	56.9

¹ Included in Europe, not specified, in order not to disclose the operations of individual establishments.

² Decrease.

³ Included in Countries not specified, in order not to disclose the operations of individual establishments.

EXPORTS — FOUNDRY AND MACHINE-SHOP PRODUCTS.

COUNTRIES.	NUMBER OF ESTABLISHMENTS REPORTING		VALUE OF EXPORTS		Per Cent of Increase over 1915	PER CENT OF TOTAL	
	1915	1916	1915	1916		1915	1916
Total.	285	308	\$12,126,140	\$36,861,123	291.5	100.0	100.0
Canada,	243	271	1,602,170	2,660,773	66.1	13.2	7.3
British Provinces,	-	30	-	143,767	-	-	0.4
Mexico,	23	30	32,763	93,478	185.3	0.3	0.3
Central America,	15	24	20,037	106,328	430.4	0.1	0.3
South America,	58	74	361,743	566,368	56.6	3.0	1.6
West Indies,	-	-	806,774	660,483	221.0	1.7	1.8
Cuba,	39	50	152,978	511,245	234.2	1.3	1.4
Other West Indies,	23	20	52,796	149,238	182.7	0.4	0.4
Hawaii,	15	14	21,892	44,113	101.5	0.2	0.1
Europe,	-	-	8,989,589	29,986,493	335.8	73.6	61.9
England,	147	154	4,466,282	15,277,807	242.1	36.8	41.7
Russia,	49	50	996,081	7,691,177	672.1	8.2	21.0
France,	69	85	2,146,962	4,328,421	101.6	17.7	11.8
Italy,	40	40	425,678	1,630,765	283.1	3.5	4.5
Spain,	25	34	150,513	186,941	24.2	1.3	0.6
Norway and Sweden,	10	44	31,303	178,139	499.1	0.3	0.6
Germany,	17	4	213,651	36,131	83.1 ¹	1.8	0.1
Holland,	7	12	2,589	26,897	938.9	- ²	0.1
Belgium,	4	5	3,503	14,680	319.1	- ²	0.1
Denmark,	6	12	13,836	14,404	4.1	0.1	- ²
Scotland,	3	3	27,355	7,834	71.4 ¹	0.2	- ²
Switzerland,	4	5	11,099	6,389	45.4 ¹	0.1	- ²
Europe, not specified,	30	29	440,087	586,908	33.4	3.6	1.6
Oceania,	-	-	177,696	371,861	109.3	1.5	1.0
Australia,	24	26	88,359	217,753	146.4	0.7	0.6
Philippine Islands,	15	16	19,616	67,487	244.0	0.2	0.2
Oceania, not specified,	15	22	69,721	86,621	24.2	0.6	0.2
Asia,	-	-	161,869	545,681	337.7	1.3	1.6
China,	10	20	34,643	271,796	684.6	0.3	0.7
Japan,	27	50	64,917	178,939	167.9	0.5	0.6
India,	14	12	43,819	60,864	38.9	0.4	0.2
Asia, not specified,	3	9	7,890	39,023	394.6	0.1	0.1
Africa,	18	23	45,594	99,017	117.2	0.4	0.3
Countries not specified,	23	25	579,684	1,282,980	121.3	4.7	3.5

¹ Decrease.² Less than one-tenth of one per cent.

EXPORTS — HOSIERY AND KNT GOODS.

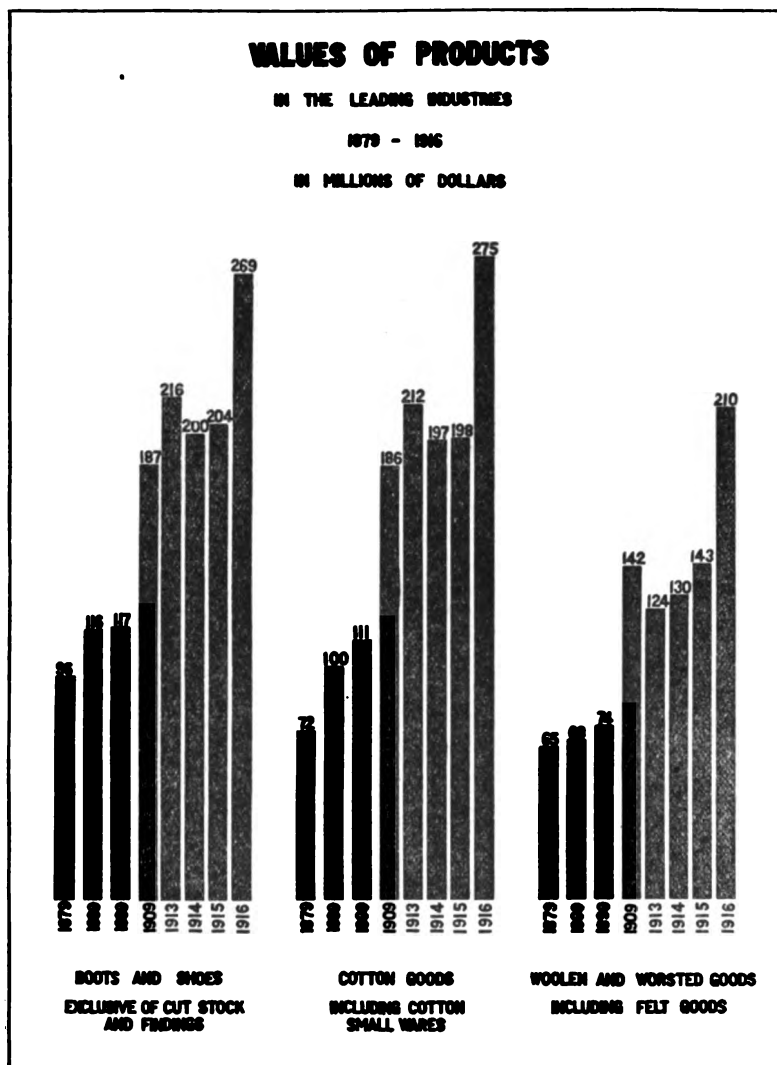
COUNTRIES.	NUMBER OF ESTABLISHMENTS REPORTING		VALUE OF EXPORTS		Per Cent of Increase over 1915	PER CENT OF TOTAL	
	1915	1916	1915	1916		1915	1916
Total.	15	19	\$1,461,763	\$2,339,489	62.9	100.0	100.0
Canada,	11	9	39,825	103,099	158.9	2.7	4.3
South America, . . .	6	7	211,785	230,426	33.4	14.5	11.8
West Indies,	5	4	186,857	46,595	75.1 ¹	12.8	2.0
Hawaii,	3	3	24,331	24,234	0.2 ¹	1.7	1.0
Europe,	-	-	838,408	1,609,834	93.2	57.0	67.6
England,	8	8	833,402	1,115,893	33.9	57.0	46.8
Norway and Sweden, .	-	4	-	30,208	-	-	1.3
Europe, not specified, .	-	5	-	463,738	-	-	19.5
Oceania,	-	4	-	261,696	-	-	11.0
Countries not specified, .	11	7	165,563	54,555	67.9 ¹	11.3	2.3

¹ Decrease.

EXPORTS — LEATHER, TANNED, CURRIED, AND FINISHED.

COUNTRIES.	NUMBER OF ESTABLISHMENTS REPORTING		VALUE OF EXPORTS		Per Cent of Increase over 1915	PER CENT OF TOTAL	
	1915	1916	1915	1916		1915	1916
Total.	33	43	\$11,556,330	\$12,355,709	19.9	100.0	100.0
Canada,	26	26	479,320	837,323	72.6	4.1	6.0
Mexico,	3	3	11,568	12,770	10.4	0.1	0.1
Central America,	4	3	48,958	6,185	87.4 ¹	0.4	0.1
South America,	9	14	717,006	935,973	30.5	6.2	6.8
West Indies,	-	-	169,487	353,715	119.5	1.4	2.5
Cuba,	12	11	148,949	310,193	108.3	1.3	2.2
Other West Indies,	5	4	17,538	43,522	148.2	0.1	0.3
Europe,	-	-	9,533,729	11,002,130	15.4	82.5	79.3
England,	30	27	6,810,581	5,379,181	21.0 ¹	58.9	38.8
France,	12	8	1,509,823	2,093,144	38.6	13.1	15.1
Italy,	7	10	124,796	643,739	415.9	1.1	4.6
Norway and Sweden,	6	13	117,492	569,593	384.8	1.0	4.1
Spain,	6	6	109,598	421,739	284.9	0.9	3.0
Russia,	-	9	-	409,295	-	-	3.0
Holland,	-	5	-	102,330	-	-	0.7
Greece,	3	-	23,413	- ²	-	0.2	-
Europe, not specified,	12	14	838,026	1,382,959	65.0	7.3	10.0
Oceania,	-	-	89,375	442,247	394.8	0.8	3.3
Australia,	3	4	79,027	272,139	244.4	0.7	2.0
Philippine Islands,	5	3	10,343	19,956	92.8	0.1	0.1
Oceania, not specified,	-	5	-	150,152	-	-	1.1
Asia,	-	-	14,739	166,166	1,087.4	0.1	1.2
China,	3	-	9,966	- ³	-	0.1	-
Japan,	4	5	1,359	41,173	2,929.7	- ⁴	0.3
Asia, not specified,	3	6	3,394	124,993	3,582.8	- ⁴	0.9
Africa,	6	6	44,099	73,710	67.1	0.4	0.5
Countries not specified,	11	9	451,683	35,580	92.1 ¹	4.0	0.3

¹ Decrease.² Included in Europe, not specified, in order not to disclose the operations of individual establishments.³ Included in Asia, not specified, in order not to disclose the operations of individual establishments.⁴ Less than one-tenth of one per cent.



Boots and Shoes (exclusive of Cut Stock and Findings).*(a) Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$188,127,176	—	—
1908.	169,957,116	\$18,170,060 ¹	9.7 ¹
1909.	187,045,767	17,088,651	10.1
1910.	190,856,515	3,810,748	2.0
1911.	196,898,074	6,041,559	3.2
1912.	209,489,037	12,590,963	6.4
1913.	216,667,911	7,178,874	3.4
1914.	300,529,858	16,138,053 ¹	7.4 ¹
1915.	204,042,623	3,512,765	1.8
1916.	269,263,600	65,220,977	32.0
Increase for the nine-year period,	—	81,136,434	43.1

(b) Stock and Materials.

1907.	\$118,399,291	—	—
1908.	104,171,504	\$14,227,687 ¹	12.0 ¹
1909.	114,277,189	10,105,585	9.7
1910.	115,624,486	1,347,297	1.2
1911.	119,330,298	3,705,812	3.2
1912.	125,659,585	6,329,287	5.3
1913.	130,961,171	5,301,586	4.2
1914.	120,325,580	10,635,491 ¹	8.1 ¹
1915.	123,977,758	3,652,078	3.0
1916.	169,062,974	45,085,216	36.4
Increase for the nine-year period,	—	50,663,688	42.8

(c) Wages Paid.

1907.	\$42,025,242	—	—
1908.	38,959,428	\$3,065,814 ¹	7.3 ¹
1909.	41,970,498	3,011,070	7.7
1910.	45,171,454	3,200,956	7.6
1911.	47,259,721	2,088,267	4.6
1912.	49,596,284	2,336,563	4.9
1913.	50,770,185	1,173,901	2.4
1914.	46,743,558	4,026,327 ¹	7.9 ¹
1915.	45,325,373	1,418,585 ¹	3.0 ¹
1916.	57,134,891	11,809,518	26.1
Increase for the nine-year period,	—	15,109,649	36.0

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907.	72,671	—	—
1908.	69,250	3,421 ¹	4.7 ¹
1909.	74,710	5,460	7.9
1910.	77,000	2,290	3.1
1911.	79,542	2,542	3.3
1912.	81,962	2,420	3.0
1913.	81,228	734 ¹	0.9 ¹
1914.	76,944	4,284 ¹	5.3 ¹
1915.	74,548	2,396 ¹	3.1 ¹
1916.	84,051	9,503	12.7
Increase for the nine-year period,	—	11,380	15.7

¹ Decrease.

Cotton Goods (including Cotton Small Wares).**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$190,148,422	-	-
1908.	154,048,533	\$34,099,889 ¹	17.9 ¹
1909.	186,463,313	30,413,780	19.5
1910.	192,777,722	6,315,409	3.4
1911.	183,121,235	9,656,487 ¹	5.0 ¹
1912.	189,010,833	5,889,588	3.2
1913.	211,985,220	22,974,387	12.2
1914.	197,322,111	14,663,109 ¹	6.9 ¹
1915.	197,504,533	272,422	0.1
1916.	275,484,046	77,889,513	39.4
Increase for the nine-year period, .	-	85,335,624	44.9

(b) Stock and Materials.

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$105,499,039	-	-
1908.	92,961,808	\$12,547,221 ¹	11.9 ¹
1909.	105,156,794	12,205,486	13.1
1910.	121,890,790	16,723,986	15.9
1911.	119,879,589	2,001,191 ¹	1.6 ¹
1912.	115,079,451	4,800,138 ¹	4.0 ¹
1913.	128,604,514	13,525,063	11.8
1914.	119,834,334	8,770,180 ¹	6.8 ¹
1915.	110,090,790	9,743,544 ¹	8.1 ¹
1916.	158,952,771	48,861,981	44.4
Increase for the nine-year period, .	-	53,453,742	50.7

(c) Wages Paid.

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$45,063,459	-	-
1908.	40,228,037	\$4,835,422 ¹	10.7 ¹
1909.	45,117,069	4,889,032	12.2
1910.	44,857,100	259,969 ¹	0.6 ¹
1911.	44,744,628	112,472 ¹	0.3 ¹
1912.	45,943,728	4,199,100	9.4
1913.	53,156,512	4,212,784	8.6
1914.	50,706,040	2,450,472 ¹	4.6 ¹
1915.	52,395,707	1,689,667	3.3
1916.	62,673,943	10,278,236	19.6
Increase for the nine-year period, .	-	17,610,484	39.1

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907.	101,862	-	-
1908.	91,545	10,217 ¹	10.0 ¹
1909.	108,914	17,369	18.8
1910.	108,804	110 ¹	0.1 ¹
1911.	109,683	879	0.8
1912.	112,384	2,701	2.5
1913.	115,837	3,453	3.1
1914.	113,559	2,278 ¹	2.0 ¹
1915.	113,223	336 ¹	0.3 ¹
1916.	116,186	2,963	2.6
Increase for the nine-year period, .	-	14,324	14.1

¹ Decrease.

Electrical Machinery, Apparatus, and Supplies.**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$26,692,284	—	—
1908,	18,065,968	\$8,626,316 ¹	32.3 ¹
1909,	28,142,889	10,076,921	55.8
1910,	32,036,393	3,893,504	13.8
1911,	36,419,395	4,383,002	13.7
1912,	47,964,986	11,545,541	31.7
1913,	54,433,691	6,468,705	13.5
1914,	43,869,294	10,564,897 ¹	19.4 ¹
1915,	43,335,337	538,957	1.2 ¹
1916,	65,369,513	22,034,176	50.8
Increase for the nine-year period,	—	38,677,229	144.9

(b) Stock and Materials.

1907,	\$11,830,975	—	—
1908,	8,569,255	\$3,261,720 ¹	27.6 ¹
1909,	12,724,820	4,165,565	48.6
1910,	16,352,531	3,617,711	28.4
1911,	14,903,562	1,448,969 ¹	8.9 ¹
1912,	23,314,895	7,411,333	49.7
1913,	25,132,493	2,818,598	12.6
1914,	17,696,907	7,436,585 ¹	29.6 ¹
1915,	18,668,861	971,954	5.5
1916,	30,256,548	11,587,687	62.1
Increase for the nine-year period,	—	18,425,578	155.7

(c) Wages Paid.

1907,	\$7,200,068	—	—
1908,	5,884,393	\$1,375,675 ¹	18.9 ¹
1909,	8,209,174	2,324,781	39.5
1910,	10,421,310	2,212,136	26.9
1911,	10,818,142	396,832	3.8
1912,	12,645,825	1,827,683	16.9
1913,	14,352,758	1,706,933	13.5
1914,	10,651,133	3,701,625 ¹	25.8 ¹
1915,	11,586,027	934,894	8.8
1916,	16,023,876	4,437,849	38.3
Increase for the nine-year period,	—	8,763,898	120.7

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	13,453	—	—
1908,	10,538	2,915 ¹	21.7 ¹
1909,	14,507	3,969	37.7
1910,	17,363	2,856	19.7
1911,	17,879	516	3.0
1912,	20,317	2,438	13.6
1913,	22,437	2,120	10.4
1914,	17,125	5,312 ¹	23.7 ¹
1915,	17,342	217	1.3
1916,	22,255	4,913	28.3
Increase for the nine-year period,	—	8,802	65.4

¹ Decrease.

Foundry and Machine-Shop Products.¹**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907. ²	-	-	-
1908.	\$63,942,063	-	-
1909.	86,925,671	\$22,983,619	35.9
1910.	93,780,612	6,854,941	7.9
1911.	84,749,696	9,030,917 ³	9.6 ³
1912.	89,270,280	4,520,585	5.3
1913.	90,948,683	1,678,403	1.9
1914.	85,638,612	5,310,071 ³	5.8 ³
1915.	103,960,727	18,322,115	21.4
1916.	175,876,112	71,915,385	69.2
Increase for the eight-year period,	-	111,934,060	175.1

(b) Stock and Materials.

1907. ²	-	-	-
1908.	\$24,172,696	-	-
1909.	31,182,000	\$7,009,304	29.0
1910.	24,892,189	3,710,139	11.9
1911.	30,689,146	4,203,043 ³	12.0 ³
1912.	33,222,189	2,532,993	8.3
1913.	34,734,309	1,512,170	4.6
1914.	30,989,623	3,744,686 ³	10.8 ³
1915.	39,964,325	8,974,702	29.0
1916.	71,540,243	31,575,918	79.0
Increase for the eight-year period,	-	47,367,547	196.0

(c) Wages Paid.

1907. ²	-	-	-
1908.	\$21,092,732	-	-
1909.	27,032,000	\$5,939,268	28.2
1910.	31,652,766	4,620,766	17.1
1911.	29,195,356	2,457,410 ³	7.8 ³
1912.	30,192,826	997,470	3.4
1913.	31,607,108	1,414,282	4.7
1914.	28,117,771	3,489,337 ³	11.0 ³
1915.	32,888,216	4,770,445	17.0
1916.	51,962,795	19,074,579	58.0
Increase for the eight-year period,	-	30,870,063	146.4

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907. ²	-	-	-
1908.	35,035	-	-
1909.	44,179	9,144	26.1
1910.	49,063	4,884	11.1
1911.	45,004	4,059 ³	8.3 ³
1912.	45,543	539	1.2
1913.	45,814	271	0.6
1914.	41,361	4,453 ³	9.7 ³
1915.	45,640	4,279	10.3
1916.	65,661	20,021	43.9
Increase for the eight-year period,	-	30,626	87.4

¹ In accordance with the Census grouping, this industry includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

² Comparable figures are not available.

³ Decrease.

Leather, Tanned, Curried, and Finished.**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$46,903,784	—	—
1908,	41,613,182	\$5,290,602 ¹	11.3 ¹
1909,	40,002,079	1,611,103 ¹	3.9 ¹
1910,	41,644,425	1,642,346	3.9
1911,	41,701,686	157,261	0.4
1912,	51,687,780	10,296,094	24.7
1913,	46,674,470	5,313,310 ¹	10.2 ¹
1914,	45,265,434	1,409,036 ¹	3.0 ¹
1915,	45,883,398	117,964	0.3
1916,	73,868,509	28,475,111	62.7
Increase for the nine-year period,	—	26,964,725	57.5

(b) Stock and Materials.

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$34,364,843	—	—
1908,	29,850,511	\$4,514,332 ¹	13.1 ¹
1909,	28,765,508	1,085,003 ¹	3.6 ¹
1910,	20,346,759	1,581,251	5.5
1911,	30,160,956	185,808 ¹	0.6 ¹
1912,	37,353,493	7,192,537	23.8
1913,	34,744,413	2,609,080 ¹	7.0 ¹
1914,	33,194,061	1,550,352 ¹	4.5 ¹
1915,	30,120,290	3,073,771 ¹	9.3 ¹
1916,	49,898,903	19,778,613	65.7
Increase for the nine-year period,	—	15,534,060	45.2

(c) Wages Paid.

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$5,284,362	—	—
1908,	4,950,120	\$325,242 ¹	6.2 ¹
1909,	5,443,944	484,824	9.8
1910,	5,808,631	364,687	6.7
1911,	5,604,360	204,271 ¹	3.5 ¹
1912,	6,625,375	1,021,015	18.2
1913,	6,138,384	486,991 ¹	7.4 ¹
1914,	5,918,205	220,179 ¹	3.6 ¹
1915,	5,981,472	63,267	1.1
1916,	9,052,376	3,070,904	51.3
Increase for the nine-year period,	—	3,768,014	71.3

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	10,156	—	—
1908,	9,237	929 ¹	9.1 ¹
1909,	10,252	1,025	11.1
1910,	10,691	439	4.3
1911,	9,903	788 ¹	7.4 ¹
1912,	11,372	1,469	14.8
1913,	10,321	1,051 ¹	9.2 ¹
1914,	10,164	157 ¹	1.5 ¹
1915,	10,185	21	0.2
1916,	12,868	2,683	26.3
Increase for the nine-year period,	—	2,712	26.7

¹ Decrease.

Paper and Wood Pulp.**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$42,707,680	-	-
1908.	32,087,321	\$10,620,359 ¹	24.9 ¹
1909.	40,096,713	8,009,392	25.0
1910.	43,020,325	2,923,612	7.3
1911.	44,951,237	1,930,912	4.5
1912.	47,328,049	2,376,812	5.1
1913.	48,402,886	1,174,837	2.5
1914.	43,352,545	5,050,341 ¹	10.4 ¹
1915.	44,060,579	708,034	1.6
1916.	70,497,358	26,436,779	60.9
Increase for the nine-year period.	-	27,789,678	65.1

(b) Stock and Materials.

1907.	\$23,927,908	-	-
1908.	18,093,119	\$5,834,789 ¹	24.4 ¹
1909.	22,349,613	4,256,494	23.5
1910.	25,869,769	3,520,156	15.3
1911.	27,258,974	1,389,205	5.4
1912.	29,000,735	1,741,762	6.4
1913.	29,381,880	380,644	3.2
1914.	26,610,748	3,320,632 ¹	11.1 ¹
1915.	25,758,604	552,144 ¹	3.2 ¹
1916.	41,435,134	15,676,530	60.9
Increase for the nine-year period.	-	17,607,226	73.2

(c) Wages Paid.

1907.	\$6,735,401	-	-
1908.	5,569,968	\$1,165,433 ¹	17.3 ¹
1909.	6,541,636	971,668	17.4
1910.	6,871,253	329,617	5.0
1911.	7,169,660	298,407	4.3
1912.	7,791,973	622,313	8.7
1913.	8,197,440	405,467	5.2
1914.	7,548,620	648,820 ¹	7.9 ¹
1915.	7,390,568	158,052 ¹	2.1 ¹
1916.	9,518,226	2,127,658	28.8
Increase for the nine-year period.	-	2,783,825	41.3

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907.	13,546	-	-
1908.	11,390	2,156 ¹	15.9 ¹
1909.	12,848	1,458	12.8
1910.	13,382	534	4.2
1911.	13,811	429	3.2
1912.	14,096	285	2.1
1913.	14,352	256	1.8
1914.	13,401	951 ¹	6.6 ¹
1915.	13,147	254 ¹	1.9 ¹
1916.	14,160	1,013	7.7
Increase for the nine-year period.	-	614	4.5

¹ Decrease.

Woolen and Worsted Goods (including Felt Goods).

(a) *Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$131,108,821	-	-
1908.	104,584,730	\$26,519,091 ¹	20.2 ¹
1909.	140,665,034	36,080,304	34.5
1910.	123,214,640	17,450,394 ¹	12.4 ¹
1911.	116,301,830	7,012,810 ¹	5.7 ¹
1912.	136,567,545	20,265,715	17.5
1913.	122,495,993	14,062,452 ¹	10.3 ¹
1914.	130,248,514	7,853,421	6.4
1915.	143,623,515	13,375,001	10.2
1916.	210,158,989	66,535,474	46.3
Increase for the nine-year period.	-	79,055,168	60.3

(b) *Stock and Materials.*

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$81,118,498	-	-
1908.	63,757,850	\$17,360,648 ¹	21.4 ¹
1909.	87,296,605	23,538,755	36.9
1910.	76,463,280	10,833,325 ¹	12.4 ¹
1911.	74,359,465	1,603,815 ¹	2.1 ¹
1912.	85,546,580	10,687,115	14.3
1913.	74,770,943	10,775,637 ¹	12.6 ¹
1914.	83,077,423	8,306,480	11.1
1915.	90,080,429	7,003,006	8.4
1916.	130,398,861	40,318,432	44.8
Increase for the nine-year period.	-	49,280,268	60.8

(c) *Wages Paid.*

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$22,892,835	-	-
1908.	19,069,657	\$3,823,178 ¹	16.7 ¹
1909.	24,258,843	5,189,186	27.2
1910.	22,274,149	1,984,694 ¹	8.2 ¹
1911.	22,718,615	444,466	2.0
1912.	26,699,717	3,981,102	17.5
1913.	24,351,894	2,347,823 ¹	8.7 ¹
1914.	27,363,082	3,011,188	12.2
1915.	26,367,140	995,942 ¹	3.6 ¹
1916.	34,969,748	8,602,608	32.7
Increase for the nine-year period.	-	12,096,913	53.8

(d) *Wage-Earners.*

YEAR.	Number	Increase	Per Cent of Increase
1907.	50,093	-	-
1908.	42,540	7,553 ¹	15.1 ¹
1909.	53,195	10,655	25.0
1910.	49,273	3,922 ¹	7.4 ¹
1911.	49,276	3	-
1912.	54,453	5,177	10.5
1913.	50,519	3,934 ¹	7.2 ¹
1914.	54,255	3,736	7.4
1915.	53,268	987 ¹	1.8 ¹
1916.	57,798	4,530	8.5
Increase for the nine-year period.	-	7,705	15.4

¹ Decrease.¹ Less than one-tenth of one per cent.

THE CITIES.

The industrial prosperity accredited to the State, as a whole, also characterizes the data for production in each of the 36 cities in 1916, *Boston* leading with a product value of \$353,493,-371. Four other cities, namely, *Worcester*, *Lawrence*, *Lynn*, and *New Bedford*, rose to the \$100,000,000 level, which, previous to 1916, no city in the State, except Boston, had ever reached. The cities of *Lowell* and *Fall River* whose manufactures fell just below this level in value, were fully equal in other respects, particularly in regard to the number of wage-earners employed, the average exceeding 30,000 in each of the cities mentioned with the exception of *Lynn*, whose factories gave employment in 1916 to 28,183 wage-earners.

It is interesting to note that of these seven important cities, four are textile centers, *New Bedford* surpassing *Fall River* in manufactures of cotton goods, the totals for 1916 for these cities in this industry being respectively, \$76,265,702 and \$65,374,214. The interests of *Lawrence* were centered principally in manufactures of woolen and worsted goods, the increase in 1916 being due to expansion in this industry, while *Lowell's* activity, in addition to the textile industries, was mainly in the manufacture of cartridges. *Worcester*, second only to Boston as a manufacturing city, exhibits remarkable general development, the total production rising from \$99,334,217 in 1915 to \$151,451,932 in 1916, an increase of 52.5 per cent, accompanied by an increase in the average number of wage-earners employed in 1916, 38,538, which registered 25 per cent over the preceding year. Important factors in this development are the expansion in the iron and steel industry, details for which cannot be given because of the limited number of establishments, and an exceptionally busy year for the machine shops, the output of which rose in value from \$16,628,966 to \$30,931,954, or an increase of 86 per cent. *Lynn*, measured by product value, the fourth city in industrial importance, and the World's center for the manufacture of *women's* boots and shoes, had a somewhat smaller total in this, her principal industry, than *Brockton*, whose factories, specializing in *men's* shoes, had the advantage during 1916 of being

avored with war orders. This advantage, however, was offset to some extent by the manufacture of Boot and shoe cut stock and findings wherein Lynn was considerably in advance of Brockton in 1916. Exhibiting relatively greater gain than either Brockton or Lynn, however, the city of *Haverhill* assumes increasing importance as a prosperous shoe center, her factories specializing in the manufacture of turned slippers, pumps, and Oxfords. The output of *Boots and shoes* in 1916 was \$45,308,361, \$36,107,556, and \$35,382,459 for Brockton, Lynn, and Haverhill, respectively, or percentages of gain as compared with 1915 of 20, 33, and 35; — while of *Boot and shoe cut stock and findings*, the respective values were \$15,408,504, \$19,323,916, and \$15,889,016, or increase over 1915 of 42, 36, and 39 per cent, respectively.

The table which follows brings together the value of product for cities by five-year periods since 1895 and contains some interesting comparisons. It will be noted that three of the leading centers, with widely different manufacturing interests, namely, *Worcester*, *Lynn*, and *Lowell*, exhibit increases of about 50 per cent in the total of their manufactures in 1916 as compared with 1915, registering in a *single year* greater progress than during any *five-year* period since 1895. Remarkable percentages of gain are noted also in some of the relatively less important cities of the State as between 1915 and 1916, for example, 62 per cent in *Holyoke* and 76 per cent in *Salem*, increases which, after due allowance is made for the generally higher scale of prices in 1916, are greater than the percentage of gain in these municipalities during any *ten-year* period since 1895.

THE 28 CITIES.

[Arranged in order of Product Value in 1916.]

CITIES.	VALUE OF PRODUCT						
	FIVE-YEAR PERIODS					ONE-YEAR PERIOD	
	1895	1899	1904	1909	1914	1915	1916
The State.	\$754,633,132	\$907,625,439	\$1,124,692,951	\$1,490,529,388	\$1,641,373,947	\$1,692,445,396	\$2,349,933,993
Per cent of increase,	-	23.5	23.8	32.6	10.1	-	38.8
Boston,	130,423,010	162,764,523	184,351,163	227,457,472	284,303,479	271,969,463	353,403,371
Per cent of increase,	-	24.8	13.3	28.8	19.9	-	30.0
Worcester,	34,771,192	46,793,372	52,144,945	77,147,884	83,539,256	99,334,317	151,451,933
Per cent of increase,	-	34.0	11.4	47.9	7.4	-	61.5
Lawrence,	26,339,131	41,741,980	48,036,593	79,992,968	78,177,303	79,405,531	130,130,973
Per cent of increase,	-	56.9	15.1	66.5	8.1	-	61.4
Lynn,	31,720,744	39,347,498	55,003,033	71,503,140	69,733,418	69,465,451	104,085,643
Per cent of increase,	-	24.0	39.8	30.0	2.4	-	49.8
New Bedford,	13,637,142	23,397,491	29,469,349	53,237,339	65,575,005	69,245,342	103,431,084
Per cent of increase,	-	36.5	20.0	50.7	18.9	-	47.9
Lowell,	36,645,119	41,302,984	46,579,212	60,270,991	56,043,641	62,517,657	93,771,398
Per cent of increase,	-	12.4	13.8	28.6	7.0	-	50.0
Fall River,	32,320,351	39,102,710	43,473,105	64,145,726	64,693,146	62,664,613	88,234,563
Per cent of increase,	-	21.0	11.9	47.6	0.8	-	40.8
Cambridge,	24,246,041	29,092,108	42,407,054	44,237,395	57,433,949	53,432,407	75,743,012
Per cent of increase,	-	19.0	45.8	4.5	30.0	-	39.6
Brookton,	20,463,248	24,855,393	37,790,983	45,972,258	51,269,131	55,232,875	69,719,866
Per cent of increase,	-	21.5	53.0	21.6	11.5	-	30.3

: Decrease.

THE 26 CITIES—Concluded.

CITIES.	VALUE OF PRODUCT						
	FIVE-YEAR PERIODS					ONE-YEAR PERIOD	
	1935	1939	1944	1949	1954	1955	1956
Holyoke, Per cent of increase,	\$30,751,478	\$24,002,610 16.1	\$30,751,333 57.6	\$40,007,224 30.5	\$44,041,155 9.8	\$39,709,303	\$64,413,927 63.3
Haverhill, Per cent of increase,	19,125,653	23,418,790 23.5	24,446,594 4.4	33,376,617 34.7	42,409,246 19.9	43,920,078	61,112,140 39.1
Springfield, Per cent of increase,	13,899,203	18,185,071 30.6	28,890,290 48.4	31,772,815 28.9	44,428,854 59.3	43,415,083	58,279,406 34.3
Barnerville, Per cent of increase,	14,113,945	20,064,519 42.3	22,985,197 14.4	33,686,527 68.5	43,971,291 18.7	44,946,443	56,812,948 26.4
Chicopee, Per cent of increase,	6,280,298	5,383,890 14.3	7,715,633 43.8	19,219,166 149.1	28,869,182 60.8	30,384,416	43,451,504 39.7
Fitchburg, Per cent of increase,	9,168,339	13,008,021 41.9	15,390,507 18.3	23,253,155 51.1	23,983,332 3.1	25,086,676	37,503,231 49.5
Pittsfield, Per cent of increase,	5,289,984	5,753,546 8.8	8,577,333 49.1	15,215,202 77.4	22,241,237 46.8	19,302,785	26,553,198 37.6
Taunton, Per cent of increase,	9,199,890	11,544,150 25.5	13,644,596 18.8	15,379,821 18.7	15,885,812 3.3	17,987,406	26,430,093 47.3
Chelsea, Per cent of increase,	8,140,390	9,518,700 16.9	13,879,159 46.8	17,002,492 23.5	16,971,028 0.3	17,380,766	21,256,940 22.3
Salem, Per cent of increase,	9,195,348	10,711,026 16.6	12,202,217 18.9	14,576,276 19.5	13,652,686 6.3	11,444,093	20,183,369 76.4
Attleboro, ² Per cent of increase,	-	-	10,080,384	15,160,359 50.8	13,946,884 8.0	13,969,686	20,149,403 44.3
Everett, Per cent of increase,	1,360,976	4,437,180 319.0	6,135,650 38.3	8,746,923 46.6	13,219,200 51.1	13,983,715	18,914,794 36.6

North Adams, Per cent of increase,	8,831,551	10,741,495	8,085,705	10,314,847	10,922,575	12,263,066	18,994,266
Quincy, Per cent of increase,	3,055,338	3,011,980	8,982,446	10,506,403	12,097,452	16,092,183	17,275,293
Leominster, ⁴ Per cent of increase,	-	-	7,501,720	10,530,815	10,583,024	10,305,698	13,989,764
Waltham, Per cent of increase,	4,199,361	5,889,792	7,149,697	7,814,178	10,326,912	10,937,073	13,751,892
Beverly, Per cent of increase,	3,006,588	3,751,498	4,101,193	8,452,547	8,774,187	9,654,169	12,979,387
Marlborough, Per cent of increase,	5,278,915	4,498,385	7,468,849	10,382,277	9,983,632	12,398,321	12,655,649
Newburyport, Per cent of increase,	4,732,422	5,140,554	6,809,979	6,931,049	8,245,998	8,080,969	12,023,643
Malden, Per cent of increase,	6,542,307	6,602,462	11,235,635	8,205,383	8,366,344	9,827,244	11,457,098
Woburn, Per cent of increase,	5,286,639	4,002,576	4,654,067	5,408,081	5,517,596	8,706,914	11,372,913
Northampton, Per cent of increase,	3,913,385	4,706,820	5,766,331	6,998,992	8,580,720	8,728,989	11,056,304
Gloucester, Per cent of increase,	4,733,479	6,292,772	6,920,984	7,753,463	8,533,964	8,901,194	10,579,043
Newton, Per cent of increase,	3,304,066	3,679,273	4,140,998	6,273,714	5,322,533	5,646,290	7,946,439
Malrose, Per cent of increase,	2,857,552	3,416,240	9,450,929	2,324,669	2,499,059	3,023,393	3,383,125
Medford, Per cent of increase,	1,015,379	1,132,131	871,820	2,045,289	2,618,998	2,186,345	2,839,379
Revere, ³ Per cent of increase,	-	-	355,060	407,336	249,095	495,857	662,547
	-	-	-	14.7	14.9	-	53.6

* Incorporated as a city January 1, 1916.

* Comparable figures not available.

* Incorporated as a city January 1, 1915.

* Decrease.

METROPOLITAN BOSTON.

Table I C, pages 30-35, presents statistics for Metropolitan Boston, by industries, and Table I D, pages 36 and 37, gives data for the cities and towns which comprise the district. With product value aggregating \$765,026,022, and wage-earners numbering 191,265 in 1916, it is apparent that the district contributed a large share of the State's prosperity, increases of 31 and 15.2 per cent, respectively, appearing as compared with 1915. Among the many manufacturing activities of Boston in 1916, the boot and shoe industry was very important, and as the Metropolitan area includes the city of Lynn, *Boots and shoes* becomes the principal interest of the industrial center, giving employment to about 30,000 wage-earners and turning out a combined product of \$125,116,441, of which \$77,141,296 were *Boots and shoes* and \$47,975,145, *Boot and shoe cut stock and findings*, increases of 33 and 50 per cent, respectively, as compared with 1915. The industry *Slaughtering and meat packing*, with establishments located in Somerville, Cambridge, and Boston had an output in 1916 of \$48,385,238, or 26.7 per cent in excess of the total for the preceding year. *Foundry and machine-shop products*; *Electrical machinery, apparatus, and supplies*; and *Cutlery and tools*, together contributed nearly \$100,000,000, or nearly double the amount registered for these industries in 1915. Other industries of importance are *Clothing*; *Boots and shoes, rubber*; *Printing and publishing*; *Confectionery*; and, with smaller product value but exhibiting noteworthy percentage of increase over 1915, *Hosiery and knit goods*.

The following table brings together the aggregates for Metropolitan Boston each year beginning with 1909:

METROPOLITAN BOSTON.

YEARS.	Number of Es- tablish- ments	Value of Product	Value of Stock and Materials Used	Wages Paid	Average Number of Wage- Earners
1909, ¹	5,025	\$510,583,387	\$284,354,062	\$93,125,349	165,891
1910,	3,238	488,497,178	292,089,565	92,453,169	160,797
1911,	3,375	502,527,771	294,046,863	95,871,777	163,488
1912,	3,507	545,310,724	320,468,150	102,820,146	171,273
1913,	3,584	560,390,104	326,070,384	107,081,823	172,594
1914, ¹	5,153	584,115,582	323,455,579	107,139,932	173,375
1915,	4,139	583,796,410	331,294,109	106,341,506	166,017
1916,	4,340	765,026,022	442,220,482	131,954,794	191,265

¹ Census year; not strictly comparable with corresponding figures for 1910, 1911, 1912, 1913, 1915, and 1916, because of the omission in the non-censal years of certain classes of establishments, chiefly those having no wage-earners and those engaged in the publishing branch of the Printing and publishing industry.

THE TOWNS.

With factories proportionately as busy as those of the cities, the towns of the State exhibit remarkable gains in 1916 over the previous year, the product value aggregating \$576,278,165 as compared with \$425,776,455 in 1915, and the average number of wage-earners employed advancing from 157,953 in 1915 to 172,920, comprising slightly more than one-fourth of all wage-earners in manufacturing industries in the State. The towns specializing in machine tools and machine-screw products, notably *Athol* and *Greenfield*, exhibit extraordinary percentages of increase, the former rising from \$5,901,840 in 1915 to \$10,059,736 in 1916 and the latter from \$3,893,714 to \$6,164,792, or gains of 70.5 and 58.3 per cent, respectively. The leather factories of *Peabody* were continuously busy, registering a product value of \$32,316,935 in 1916 as against \$20,684,662 in the preceding year. General gains are noted in nearly all of the towns, but specially high percentages of increase appear for *Amesbury*, *Clinton*, *Westfield*, and *Winchester*. Data in detail appear for 114 towns in the table, pages 38 to 44.

CHARACTER OF OWNERSHIP AND VALUE ADDED BY MANUFACTURE.

Table II, pages 45 to 48, presents data by character of ownership for 19 selected industries and for All Industries. The particular feature of this table is the distinction between the corporation and all other forms of business management. Although in *All Industries*, representing 9,829 establishments in 1916, 6,031, or 61 per cent were operated either by individuals, partnerships, or other private management, the combined product of such establishments amounted to only \$341,631,585, or about 15 per cent of the total manufactures of the Commonwealth which in 1916 aggregated \$2,349,933,003, while the remaining 85 per cent of the output for the year was produced in establishments operated by corporations. What is true of the value of goods produced is also true as regards the number of wage-earners, so that of the average for the year in *All Industries*, 682,621, approximately 86 per cent were employed in establishments operated by corporations and only slightly more than 14 per cent in establishments operated by individual or other private ownership. The predominance of the corporate form of management is more marked in some industries than in others, it being specially noted in *Cotton goods, including Cotton small wares*, and in *Electrical machinery, apparatus, and supplies* in both of which industries corporations employed practically all of the wage-earners (98 per cent) in 1916 and turned out nearly the entire product. *Cutlery and tools, Confectionery, Foundry and machine-shop products*, and *Musical instruments, pianos and organs, and materials* are not far behind in this respect, however, less than 10 per cent of the wage-earners being employed and less than 10 per cent of the goods being produced under individual or other private management, and over 90 per cent by corporations, while on the other hand, industries like *Bread and other bakery products*, and *Clothing* are as yet to a considerable extent carried on by individual enterprise.

Value added by Manufacture.

The value added by manufacture, as shown in the last column of the table, is obtained by subtracting the cost of materials from the gross value of product, the resultant figure for *All Industries*, \$995,499,801, being, in effect, the value of new wealth created in 1916 by the various manufacturing processes. It is obvious that in industries where the cost of stock is exceptionally high, the *value added by manufacture*, its complement, necessarily diminishes. Measured on this basis, it will be noted that although the principal industries still obtain as a group, they assume a somewhat different order of importance, and while *Boots and shoes, including cut stock and findings*, and *Cotton goods, including Cotton small wares*, still hold first and second place, respectively, *Foundry and machine-shop products* ranks as the third leading industry of the State, as appears from the following table:

	Value added by Manufacture		Gross Value
All Industries.	\$995,499,801	All Industries.	\$2,349,923,003
Boots and shoes, including cut stock and findings.	\$118,011,110	Boots and shoes, including cut stock and findings.	357,592,513
Cotton goods, including cotton small wares.	116,531,275	Cotton goods, including cotton small wares.	275,484,046
Foundry and machine-shop products.	104,335,869	Woolen, worsted, and felt goods.	210,153,989
Woolen, worsted, and felt goods.	79,760,128	Foundry and machine-shop products.	175,876,112
Electrical machinery, apparatus, and supplies.	35,112,965	Leather, tanned, curried, and finished.	73,858,509
Paper and wood pulp, . . .	29,062,224	Paper and wood pulp, . . .	70,497,358
Leather, tanned, curried, and finished.	23,959,606	Electrical machinery, apparatus, and supplies.	65,369,513

EMPLOYMENT BY MONTHS.

Table III, pages 49 to 75 exhibits the average number of wage-earners employed month by month during 1916, together with the general average for the year as a whole. Beginning in January with 662,688 wage-earners in *All Industries*, conditions improved rapidly for the months of February and March, which period registered more than 20,000 additional wage-earners, while a very slight decline in the average appears for April and a more marked drop for the period May to July.

In August and September, however, the averages began again to rise rapidly, registering in the latter month 677,233 and continued advancing for the last quarter of the year, reaching the maximum in December when an average of 713,454 appears, or 50,766 more wage-earners than were employed in January, — the general average for the year being 682,621, and the extent of unemployment in only one month, January, running as high as seven per cent.

Very differently runs the curve of employment in *Boots and shoes*, which industry is subject to more or less seasonal fluctuation. Except for the months of September and October, however, when 10 per cent of the maximum number were unemployed, the percentages of unemployment for 1916 ranged somewhat lower than usual in this industry, or from approximately two per cent in January to about eight per cent in the month of July. The general average for the year was 84,051 wage-earners, about two-thirds of whom were males and one-third females.

The industry *Cotton goods, including Cotton small wares*, gives employment to the largest number of wage-earners, however, the general average for the year being 116,186, — 62,171 males and 54,015 females. Employment in this industry was kept at a high level throughout the year with only a minimum of unemployment, — approximately three per cent during the period June to September, — closing with a maximum degree of employment for the month of December when 118,036 wage-earners were employed.

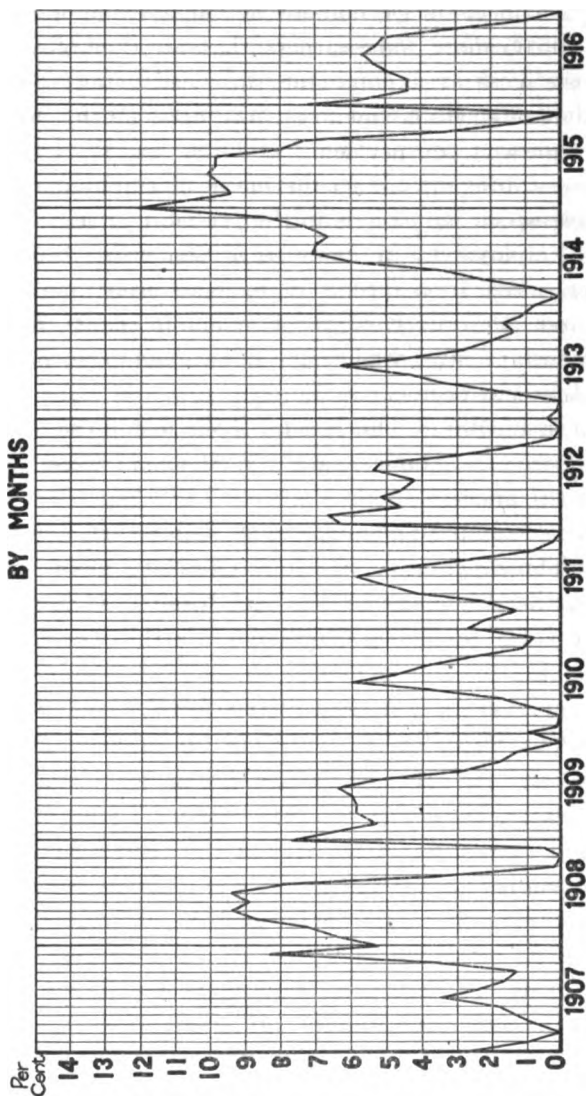
Conditions of employment in *Electrical machinery, apparatus, and supplies*, while showing considerable variation from the maximum, 24,351 in December, were markedly better month by month than at corresponding periods in 1915, and nearly one-third more wage-earners were employed in the industry. The months registering the lowest level of employment in 1916 were January and September, while fairly continuous employment was provided for the remainder of the year.

*Foundry and machine-shop products*¹ in January, 1916, registered 58,809 wage-earners, the numbers in each succeeding

¹ In accordance with the Census grouping, includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

UNEMPLOYMENT

IN MANUFACTURING INDUSTRIES
DEVIATION FROM THE MAXIMUM EMPLOYMENT



month becoming progressively higher, reaching 65,669 in June and continuing to advance without recession up to December which registered the maximum, 71,859 wage-earners, or 13,050 in excess of the average for January of that year.

In *Leather, tanned, curried, and finished*, January was the month of least employment in 1916, each succeeding month after March of that year exhibiting greater numbers of wage-earners at work, the maximum, 14,448, being registered in December, and the conditions being generally better than at the corresponding periods in the preceding year.

Employment in *Paper and wood pulp* was maintained at a very high level during 1916, in no instance varying more than three per cent from the maximum, 14,460, except during the month of August when the percentage of unemployment rose to slightly over five.

In *Woolen and worsted goods* the maximum, 59,938, appears in March, and, excepting the months of August and September, when unemployment registered 10.8 per cent, the fluctuations were unimportant and seldom approached five per cent.

The progressive tendencies marking these leading industries, particularly during the final quarter of the year, hold out specially promising conditions for 1917.

WAGE-EARNERS EMPLOYED DECEMBER 16, 1916.

The Table on pages 76 to 79 presents statistics of wage-earners by age periods and sex as employed on a given day, namely, December 16, 1916, the total registered being 719,198. The extraordinary activity of the year is again brought out by a comparison of the number of wage-earners employed at the corresponding date twelve months earlier (December 18, 1915) which, as shown in the report for that year, was 653,618, the increase in 1916 being 65,580, or more than 10 per cent. Of the total employed in *All Industries*, in 1916, 719,198, — 666,859, or 92.7 per cent were *adults* and 52,339, or 7.3 per cent were *young persons under 18 years of age*. Of the *adults*, males constituted 71 per cent, and females, 29 per cent; while of the *young persons*, approximately 49 per cent were males and 51 per cent females.

Large representations of women wage workers are found in

Boots and shoes and the textile industries. In *Boots and shoes*, of the total reported on December 16, 87,113, approximately 36 per cent (30,996), or more than one-third, were women, 27,941 being adults, and 3,055 young persons, while the textile industries had an even larger representation, women constituting more than two-fifths, or upwards of 40 per cent of the wage-earners in *Cotton goods, including Cotton small wares; Woollen and worsted goods; and Carpets and rugs, other than rag*. In *Hosiery and knit goods* more than two-thirds of the employees were women, and in *Silk and silk goods*, they constituted approximately three-quarters of the employees. *Clothing and Confectionery* had also large proportions of women wage-earners, the percentages being 65 and 74, respectively, but on the whole, the table does not disclose any noteworthy incursion of female employees into the ranks of the male wage-earners. In the industries just cited, also, some of the largest representations of *young persons* appear, the number under 18 years of age in *Boots and shoes* on December 16, 6,508, representing approximately 7.5 per cent of the total employees in that industry; *Cotton goods, including Cotton small wares*, had 12,255 young persons, or 10.3 per cent of the total; *Woollen and worsted goods*, 5,493, or 9.4 per cent; *Electrical machinery, apparatus, and supplies*, 2,336, or approximately 10 per cent; *Hosiery and knit goods*, 1,385, or 11.4 per cent; *Confectionery*, 1,361, or about 15 per cent; and *Silk and silk goods*, 575, or 13.2 per cent of the total employees in that industry.

CLASSIFIED WEEKLY WAGES.

Classified weekly wages are presented in Table V, pages 80 to 119. The data given represent the *rates* paid for a full week's work, establishments generally reporting for the week of employment of the greatest number. Comparable with the abnormal increase exhibited in the value of product, unprecedented increase is found also in the *rates of wages* paid in 1916. Data were received for 771,205 wage-earners, which, for convenience of comparison, have been classified in three wage groups, namely, those paid less than \$8 per week, \$8 to \$15, and \$15 and over, — the numbers being reduced to percentages in the following table:

ALL INDUSTRIES. (771,205 wage-earners.)				Foundry and Machine-Shop Products. ¹ (76,933 wage-earners.)			
YEARS.	PERCENTAGES			YEARS.	PERCENTAGES		
	Wages under \$8 (Low)	\$8 to \$15 (Me- dium)	\$15 and over (High)		Wages under \$8 (Low)	\$8 to \$15 (Me- dium)	\$15 and over (High)
<i>Adult Males.</i>				<i>Adult Males.</i>			
1915, (465,655), . . .	6.4	54.7	38.9	1915, (55,866), . . .	2.4	52.6	45.0
1916, (514,202), . . .	2.0	46.7	51.3	1916, (71,906), . . .	1.3	40.6	58.1
<i>Adult Females.</i>				<i>Adult Females.</i>			
1915, (190,077), . . .	34.5	61.0	4.5	1915, (902), . . .	42.6	54.4	3.0
1916, (203,136), . . .	19.2	72.7	8.1	1916, (2,619), . . .	14.5	82.2	3.3
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1915, (47,471), . . .	79.3	20.4	0.3	1915, (1,888), . . .	75.1	24.8	0.1
1916, (53,867), . . .	59.7	39.6	0.7	1916, (2,409), . . .	51.8	47.3	0.9
Boots and Shoes. (97,288 wage-earners.)				Leather, Tanned, Curried, and Finished. (15,029 wage-earners.)			
<i>Adult Males.</i>				<i>Adult Males.</i>			
1915, (57,470), . . .	4.4	37.8	57.8	1915, (12,306), . . .	2.6	71.5	25.9
1916, (59,638), . . .	2.6	33.2	64.2	1916, (14,214), . . .	0.8	50.8	48.4
<i>Adult Females.</i>				<i>Adult Females.</i>			
1915, (28,311), . . .	15.8	68.9	15.3	1915, (171), . . .	52.6	45.6	1.8
1916, (31,023), . . .	13.5	68.7	17.8	1916, (611), . . .	27.2	72.6	0.2
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1915, (5,867), . . .	67.8	31.6	0.6	1915, (196), . . .	59.6	39.9	0.5
1916, (6,627), . . .	64.8	34.3	0.9	1916, (304), . . .	30.3	69.4	0.3
Cotton Goods, including Cotton Small Wares. (120,523 wage-earners.)				Paper and Wood Pulp. (15,199 wage-earners.)			
<i>Adult Males.</i>				<i>Adult Males.</i>			
1915, (60,077), . . .	20.1	67.7	12.2	1915, (9,959), . . .	0.8	73.8	25.4
1916, (59,239), . . .	4.7	66.1	29.2	1916, (10,669), . . .	0.1	59.7	40.2
<i>Adult Females.</i>				<i>Adult Females.</i>			
1915, (49,001), . . .	32.0	67.3	0.7	1915, (4,078), . . .	53.0	46.4	0.6
1916, (49,546), . . .	11.5	82.8	5.7	1916, (4,180), . . .	20.8	77.8	1.4
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1915, (11,281), . . .	80.0	19.9	0.1	1915, (196), . . .	60.7	39.3	-
1916, (11,738), . . .	64.2	45.5	0.3	1916, (350), . . .	35.9	63.8	0.3
Electrical Machinery, Apparatus, and Supplies. (24,465 wage-earners.)				Woolen and Worsted Goods. (62,813 wage-earners.)			
<i>Adult Males.</i>				<i>Adult Males.</i>			
1915, (15,872), . . .	3.1	43.4	53.5	1915, (32,774), . . .	10.9	68.3	20.8
1916, (18,034), . . .	1.4	34.5	64.1	1916, (34,067), . . .	1.8	62.0	36.2
<i>Adult Females.</i>				<i>Adult Females.</i>			
1915, (3,023), . . .	33.2	65.9	0.9	1915, (22,028), . . .	36.5	59.4	4.1
1916, (4,031), . . .	19.9	75.7	4.4	1916, (21,936), . . .	8.1	78.3	13.6
<i>Young Persons, under 18 years of age.</i>				<i>Young Persons, under 18 years of age.</i>			
1915, (1,896), . . .	52.2	44.8	3.0	1915, (6,231), . . .	82.8	17.0	0.2
1916, (2,400), . . .	37.0	59.1	3.9	1916, (6,751), . . .	37.7	61.4	0.9

¹ Includes the following industries: Foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

Of the total number, 771,205, — *adult males* constituted 514,202, or 67 per cent; *adult females*, 203,136, or 26 per cent; and *young persons*, of either sex, under 18 years of age, 53,867, or 7 per cent. But whereas in 1915, 6.4 per cent of all adult male wage-earners were found in the wage group paid less than \$8 per week, in 1916 this class registered *only two per cent* of the *adult males*, and whereas the high wage group in 1915 contained only 38.9 per cent of the *adult males*, the percentage registered for this class in 1916 was 51.3, leaving a balance of 46.7 per cent *adult males* in the medium wage group, as against 55 per cent in the preceding year. Similar movement from the low to the medium and from the medium to the high wage group is apparent for *adult females*, the proportion of those paid less than \$8 per week falling from 34.5 per cent registered in 1915 to 19.2 per cent in 1916. A correspondingly higher percentage appears in the medium wage group which contained 72.7 per cent of the *adult females* in 1916 as against 61 per cent in the preceding year, while the high wage group registered eight per cent of the *adult females* in 1916, as against 4.5 per cent in 1915.

These remarkable differences in percentages for *All Industries* are noted also in each of the principal industries of the State, the most marked changes occurring in the textiles. In Cotton Goods, only *about five in every 100 adult male* wage-earners were paid less than \$8 per week in 1916, as against 20 in every 100 in 1915, while the group paid \$15 and over registered 29 adult males in every 100 as compared with 12 in every 100 in the preceding year. The proportion of *adult females* fell from 32 in every 100 paid less than \$8 per week, to about one-third of that number or approximately 11 in every 100 in 1916; while those paid rates \$15 and over registered approximately six in every 100, as against less than one in every 100 in 1915. *Adult females* in the medium wage class registered 82.8 per cent in 1916 as against 67.3 per cent in the preceding year. This industry gave employment in 1916 to over 11,000 *young persons*, of whom 54 in every 100 were paid less than \$8 per week, as against 80 in every 100 so paid in the preceding year, while into the medium wage group which contained only about 20 per cent of the young persons in 1915 we find 45.5 per cent in 1916. Data for the leading industries, with percentages, appear in the following table:

All Industries.

SEX AND AGE.		Aggre- gates	Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$25	\$25 but under \$35	
THE STATE,		771,205	67	958	4,565	12,442	26,764	36,126	50,533	60,350	65,911	54,565	70,115	60,202	44,566	52,530	63,637	54,253	39,041	34,277	35,253
Per cent,				0.1	0.6	1.7	3.6	4.7	6.6	7.8	8.6	7.3	9.1	7.8	6.8	6.8	8.3	7.3	5.1	4.4	4.6
Males (18 years of age and over),		514,202	-	70	238	995	3,028	6,425	13,248	24,455	34,262	33,711	49,880	47,831	35,928	46,394	58,330	53,441	37,602	33,556	34,818
Per cent,			-	-	-	0.2	0.6	1.2	2.6	4.8	6.7	6.6	9.7	9.3	7.0	9.0	11.3	10.4	7.3	6.5	6.8
Females (18 years of age and over),		203,136	9	158	859	4,602	13,231	20,101	29,199	29,538	28,304	21,106	19,063	11,972	8,433	6,003	5,175	2,735	1,420	715	433
Per cent,			-	0.1	0.4	2.3	6.5	9.9	14.4	14.5	13.9	10.4	9.4	6.9	4.3	3.0	2.6	1.3	0.7	0.4	0.8
Young persons (under 18 years of age),		53,867	58	730	3,468	7,845	10,455	9,600	8,136	6,357	3,245	1,748	1,142	399	205	143	132	77	19	6	2
Per cent,			0.1	1.4	6.4	14.6	19.4	17.3	15.1	11.8	6.2	3.3	2.1	0.7	0.4	0.3	0.3	0.1	-	-	-

Boots and Shoes (Exclusive of Cut Stock and Findings).

Totals,	97,288	12	128	598	1,430	3,450	4,450	4,867	6,561	7,245	5,453	7,631	6,174	5,422	7,034	8,242	8,662	6,992	5,686	7,331
Per cent,	100	—	0.1	0.6	1.6	3.6	4.6	5.0	6.7	7.5	6.6	7.8	6.4	6.6	7.8	8.6	8.9	7.2	6.8	7.4
Males (18 years of age and over),	59,638	—	11	52	140	432	837	1,220	2,185	2,749	2,395	4,175	3,632	3,459	5,238	6,536	7,592	6,416	5,405	7,064
Per cent,	100	—	—	0.1	0.3	0.8	1.5	2.0	3.7	4.6	4.0	7.0	6.1	6.8	8.8	11.0	12.7	10.8	9.1	11.8
Females (18 years of age and over),	31,023	2	27	109	444	1,423	2,200	2,768	3,690	4,136	2,904	3,344	2,505	1,942	1,767	1,670	1,061	575	290	167
Per cent,	100	—	0.1	0.3	1.4	4.6	7.1	8.9	11.9	13.3	9.4	10.8	8.1	6.9	6.7	6.4	5.4	1.9	0.9	0.6
Young persons (under 18 years of age),	6,627	10	90	437	846	1,545	1,363	869	686	300	184	112	37	21	29	27	9	1	1	—
Per cent,	100	0.1	1.4	6.6	12.8	23.3	20.6	13.1	10.4	5.4	2.8	1.7	0.6	0.3	0.4	0.4	0.1	—	—	—

Cotton Goods (Including Cotton Small Wares).

Totals,	120,523	12	83	785	2,120	4,224	7,645	11,070	13,945	16,559	13,984	13,403	9,199	7,323	5,326	6,380	4,198	1,831	1,080	1,166
Per cent,	100	-	0.1	0.6	1.8	3.5	6.3	9.2	11.6	15.7	11.6	11.1	7.6	6.1	4.6	6.3	3.5	1.6	0.9	1.0
Males (18 years of age and over),	59,239	-	1	18	139	710	1,960	3,795	5,840	7,356	6,233	6,445	4,840	4,571	4,033	5,231	3,933	1,794	1,074	1,166
Per cent,	100	-	-	-	0.8	1.8	3.3	6.4	9.9	18.4	10.6	10.9	8.8	7.7	6.8	9.0	6.6	3.0	1.8	2.0
Females (18 years of age and over),	49,546	5	8	73	524	1,609	3,470	5,380	6,587	8,243	7,244	6,955	4,253	2,694	1,473	1,043	263	37	6	-
Per cent,	100	-	-	0.1	1.1	3.5	7.0	10.9	15.5	16.6	14.6	15.4	8.6	6.4	5.0	3.1	0.5	0.1	-	-
Young persons (under 18 years of age),	11,738	7	74	694	1,457	1,905	2,225	1,935	1,538	960	487	303	106	53	20	6	3	-	-	-
Per cent,	100	0.1	0.6	8.9	18.4	16.8	19.0	16.1	15.1	8.8	4.1	2.6	0.9	0.6	0.3	0.1	-	-	-	-

Electrical Machinery, Apparatus, and Supplies.

Totals,	24,465	-	32	70	375	601	890	1,391	1,628	1,565	1,498	1,566	1,704	1,423	1,394	2,689	2,475	1,931	1,377	1,996
Per cent,	100	-	0.1	0.3	1.5	2.5	3.6	5.3	6.6	6.4	6.1	6.4	7.0	5.8	5.3	10.6	10.1	7.9	6.4	8.8
Males (18 years of age and over),	18,034	-	1	-	59	71	117	218	501	695	905	1,077	1,437	1,312	1,213	2,496	2,404	1,915	1,572	1,991
Per cent,	100	-	-	-	0.3	0.4	0.7	1.8	3.8	5.9	6.0	6.0	8.3	7.5	6.7	13.8	13.5	10.6	8.7	11.0
Females (18 years of age and over),	4,031	-	3	4	103	225	467	699	605	574	420	406	176	92	62	55	37	16	3	4
Per cent,	100	-	0.1	0.1	2.6	5.6	11.6	17.1	17.8	14.8	10.4	10.1	4.4	3.9	1.6	1.4	0.9	0.4	0.1	0.1
Young persons (under 18 years of age),	2,400	-	28	66	213	305	276	384	432	286	173	83	41	19	10	38	34	-	2	1
Per cent,	100	-	1.8	2.7	8.9	18.7	11.6	16.0	18.0	11.9	7.3	3.5	1.7	0.8	0.8	1.6	1.4	-	0.1	-

: Less than one-tenth of one per cent.

Foundry and Machine-Shop Products.

Sex and Age.	Aggre- gates	Un- der \$3	\$3 but under \$4		\$4 but under \$5		\$5 but under \$7		\$7 but under \$8		\$8 but under \$9		\$9 but under \$10		\$10 but under \$11		\$11 but under \$12		\$12 but under \$13		\$13 but under \$14		\$14 but under \$15		\$15 but under \$16		\$16 but under \$18		\$18 but under \$20		\$20 but under \$22		\$22 but under \$25		\$25 and over		
			\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25																	
Totals,	76,933	5	60	147	438	856	1,040	1,872	3,374	3,427	3,796	7,085	7,837	5,064	6,970	9,203	8,927	6,215	5,685	4,914																	
Per cent,	100	—	0.1	0.2	0.6	1.1	1.4	2.4	4.4	4.4	4.9	9.2	10.2	6.6	9.0	12.0	11.6	8.1	7.4	6.4																	
Males (18 years of age and over),	71,905	—	17	17	103	327	474	1,056	2,114	3,038	3,441	6,820	7,698	4,997	6,928	9,168	8,902	6,211	5,681	4,913																	
Per cent,	100	—	—	—	0.1	0.5	0.7	1.5	2.9	4.2	4.8	9.6	10.7	7.0	9.6	12.8	12.4	8.6	7.9	6.8																	
Females (18 years of age and over),	2,619	—	—	8	29	151	192	464	851	228	243	198	113	54	32	28	20	4	3	1																	
Per cent,	100	—	—	0.3	1.1	5.8	7.3	17.7	32.5	8.7	9.5	7.6	4.5	2.1	1.8	1.1	0.8	0.1	0.1	—																	
Young persons (under 18 years of age),	2,409	5	52	122	306	378	383	352	409	161	113	67	26	13	10	7	5	—	1	—																	
Per cent,	100	0.8	2.2	5.1	12.7	15.7	15.9	14.6	17.0	6.7	4.6	2.8	1.1	0.6	0.4	0.3	0.2	—	—	—																	

Leather, Tanned, Curried, and Finished.

Totals,	15,029	-	5	5	31	132	178	348	418	858	908	2,044	1,612	1,618	1,562	1,663	1,663	753	579	663
Per cent,	100	-	-	-	0.3	0.9	1.2	2.3	2.8	5.7	6.0	13.6	10.7	10.8	10.4	11.0	11.1	6.0	3.9	4.4
Males (18 years of age and over),	14,214	-	1	2	8	13	96	158	257	721	836	2,025	1,611	1,615	1,560	1,653	1,663	753	579	663
Per cent,	100	-	-	-	-	0.1	0.7	1.1	1.8	5.1	5.9	14.2	11.3	11.4	11.0	11.6	11.7	6.3	4.1	4.7
Females (18 years of age and over),	511	-	-	-	11	78	50	152	91	96	18	10	1	3	1	-	-	-	-	-
Per cent,	100	-	-	-	2.1	15.3	9.8	29.7	17.8	18.8	3.5	2.0	0.3	0.6	0.3	-	-	-	-	-
Young persons (under 18 years of age),	304	-	4	3	12	41	32	38	70	41	54	8	-	-	1	-	-	-	-	-
Per cent,	100	-	1.3	1.0	4.0	13.6	10.6	12.6	23.0	13.6	17.8	2.6	-	-	0.3	-	-	-	-	-

Paper and Wood Pulp.

Totals,	15,199	-	-	17	32	175	796	1,243	1,217	1,121	1,133	1,020	2,385	307	1,090	978	809	637	500	339
Per cent,	100	-	-	0.1	0.2	1.2	5.2	8.5	8.0	7.4	7.5	12.6	15.7	5.5	7.2	6.4	5.5	4.1	3.5	2.2
Males (18 years of age and over),	10,069	-	-	1	2	4	16	18	108	410	837	1,784	2,246	786	1,071	947	806	625	499	329
Per cent,	100	-	-	-	-	-	0.1	0.2	1.6	3.8	8.0	16.7	22.0	7.4	10.0	8.9	7.6	5.9	4.7	3.1
Females (18 years of age and over),	4,180	-	-	10	12	143	706	1,176	979	680	254	119	28	18	19	30	3	2	1	-
Per cent,	100	-	-	0.8	0.3	3.4	16.9	28.1	23.4	16.5	6.1	2.8	0.7	0.4	0.5	0.7	0.1	0.1	-	-
Young persons (under 18 years of age),	350	-	-	6	18	28	74	69	70	31	22	17	11	3	-	1	-	-	-	-
Per cent,	100	-	-	1.7	5.1	8.0	21.1	19.7	20.0	8.9	6.3	4.9	3.1	0.9	-	0.3	-	-	-	-

Woolen and Worsted Goods.

Totals,	62,813	-	33	283	769	1,637	2,263	6,369	7,805	8,141	6,987	4,903	4,546	3,766	2,736	4,230	3,491	2,524	1,366	995
Per cent,	100	-	0.1	0.4	1.2	2.6	3.6	10.1	12.4	13.0	11.1	7.8	7.2	6.0	4.4	6.7	5.6	4.0	2.2	1.6
Males (18 years of age and over),	34,067	-	2	20	36	103	457	1,591	2,335	3,995	4,220	2,920	3,030	2,433	2,037	3,170	2,829	2,171	1,206	912
Per cent,	100	-	-	0.1	0.1	0.3	1.3	4.7	8.6	11.7	12.4	8.6	8.9	7.1	6.0	9.5	8.5	6.4	3.6	2.7
Females (18 years of age and over),	21,995	-	3	45	114	677	954	2,953	3,478	3,679	2,531	1,833	1,166	1,303	677	1,043	655	843	159	83
Per cent,	100	-	-	0.8	0.5	3.1	4.3	13.4	15.8	16.7	11.6	8.5	6.7	6.9	3.1	4.8	3.0	1.6	0.7	0.4
Young persons (under 18 years of age),	6,751	-	28	107	619	847	832	1,396	1,392	467	236	150	50	30	22	17	7	10	1	-
Per cent,	100	-	0.4	2.9	9.2	12.6	12.6	27.1	20.6	6.9	3.6	2.2	0.7	0.4	0.3	0.3	0.1	0.2	-	-

¹ Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

² Less than one-tenth of one per cent.

DAYS IN OPERATION.

The statistics regarding the number of days in operation by industries and by cities and towns will be found in Table VI, pages 120 to 123. Exclusive of 53 Sundays and eight holidays, the full number of working days in 1916 was 305, and when allowance of one idle week, necessitated by plant repairs, is deducted, it is obvious that industries reporting days in operation amounting to 299 and over may be regarded as running the full year. A *two weeks'* shut down for vacations and repairs, however, would make the yearly running time about 12 days less than 305, or 293 days, — and within this limit, 293 to 299 days, a large proportion of the industries in 1916 fall. The total for All Industries exhibits actual running time of 291.9 days. Of the leading industries, *Foundry and machine-shop products* appears, with an average running time of 297.4 days; *Leather, tanned, curried, and finished*, 296.2 days; *Cotton goods, including Cotton small wares*, 294.9; *Electrical machinery, apparatus, and supplies*, 294.5 days; *Woolen and worsted goods*, 291.2 days; *Boots and shoes*, 286.4 days; and *Paper and wood pulp*, 281.5 days. Establishments averaging running time between 299 and 305 days are classified in the returns for upwards of 40 industries shown in the table, but none of them occupy leading positions in the manufactures of the State.

Table VI B exhibits running time for cities and towns, the city of *Lowell* exhibiting the high average of 298.7 days; and following, in the order named, we find *New Bedford*, 297.4; *Lynn*, 294.9; *Lawrence*, 294.7; *Boston* and *Worcester*, 293; and *Fall River*, 292.5.

LAUNDRIES.

In Table VII, pages 127 to 131, statistics for *Laundries* for 1916 are presented. This industry responds peculiarly to general industrial conditions, and in 1916 exhibits increase in the volume of work over the preceding year of 11.5 per cent. Great advance in the price of all materials used in the industry is apparent, the total for 1916 exhibiting an increase over 1915 of more than one-fifth, or 21.4 per cent. A larger investment in machinery is noted in 1916; an increase of 4.3 per cent in the

number of wage-earners employed; and the amount paid in wages was higher by \$299,295, or an increase of 7.5 per cent over the preceding year.

The following summary brings together the data for the years 1909, 1913, 1914, 1915, and 1916:

LAUNDRIES.	1916	1915	1914	1913	1909
Number of establishments,	373	376	391	377	280
Capital invested,	\$5,383,116	\$5,037,974	\$4,695,798	\$4,542,313	\$2,961,025
Stock used,	\$1,716,026	\$1,413,801	\$1,391,900	\$1,359,655	\$903,845
Average number of wage-earners,	8,094	7,767	7,771	8,160	5,958
Wages paid,	\$4,378,056	\$3,978,761	\$3,721,409	\$3,884,570	\$2,582,593
Value of work done,	\$9,673,534	\$8,675,570	\$8,661,830	\$8,781,826	\$5,764,572

CONCLUSION.

When compared with normal years and normal conditions it is undoubtedly true that the figures for 1916 present a somewhat exaggerated percentage of increase, and we should, therefore, not lose sight of the fact that it was a year when the cost and selling prices of commodities were abnormally high. At the same time, however, it should be remembered that the year, as a whole, shows fuller and more constant employment than ever before and that our industries have grown simply because they had to grow to meet the enormous demands upon our resources. During the pre-war period, the industrial life of the State was not conspicuous for any degree of prosperity, but it is fast becoming apparent that a new cycle of world-wide commerce is at hand. The task before us, therefore, is to improve the opportunity which the present absence of competitors from the field affords us, of securing to ourselves a permanent footing in foreign markets; and this can only be accomplished by perfecting our selling organizations and establishing such relations, both commercial and financial, as will insure these markets to us, appreciating the fact that when the readjustment comes and the world again resumes a normal course, international trade will be conducted upon a different and probably upon a more equitable basis.

CHARLES F. GETTEMY,

Director, Bureau of Statistics.

STATE HOUSE, BOSTON, November 30, 1917.

TABULAR PRESENTATIONS.
1916.

[1]

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916.

A. THE STATE: BY INDUSTRIES.

INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
THE STATE.											
Artificial limbs,	6	35,557	11,360	17,654	802.45	20	2	22	18	24	56,104
Artificial stone products,	39	644,756	179,937	268,765	726.39	370	—	370	246	407	627,888
Automobiles, including bodies and parts,	74	8,881,013	5,747,728	3,514,778	806.70	4,302	55	4,357	2,043	5,512	11,515,977
Awnings, tents, and sails,	49	495,007	600,319	234,847	667.18	228	124	352	243	544	1,148,538
Baskets, and rattan and willow ware,	14	154,877	100,184	80,533	-544.14	127	21	148	133	172	259,257
Belting, leather,	20	9,635,010	10,568,925	1,351,845	751.03	1,717	83	1,800	1,688	2,087	14,826,701
Billiard tables and materials,	5	133,800	87,926	30,860	995.48	31	—	31	26	35	188,836
Blacking, stains, and dressings,	48	1,842,086	2,365,674	334,527	575.78	808	273	581	482	704	4,348,589
Bookbinding and blank-book making,	87	4,151,565	1,862,603	1,926,896	633.64	1,592	1,449	3,041	2,076	3,433	5,197,960
Boot and shoe cut stock and findings,	414	32,672,282	70,518,429	5,849,982	590.61	7,003	2,902	9,905	7,794	12,167	86,328,913
Boots and shoes,	457	122,580,201	169,062,974	57,134,891	679.76	54,326	29,725	84,051	67,847	100,631	269,263,600
Boots and shoes, rubber,	8	25,456,767	15,625,334	6,546,730	611.56	6,334	4,371	10,705	9,294	12,293	32,063,989
Boses, cigar,	5	274,338	129,663	93,985	536.77	83	92	175	166	248	300,943
Boses, fancy and paper,	93	5,235,555	5,046,632	2,253,124	490.02	1,084	2,914	4,598	3,992	5,272	10,031,055
Boses, wooden packing,	94	6,986,145	6,263,417	2,106,831	606.52	3,341	281	3,622	3,291	4,105	9,984,468
Brass, bronze, and copper products,	59	6,430,747	11,677,366	1,797,495	762.94	2,321	35	2,356	2,088	2,670	17,585,552
Bread and other bakery products,	1,049	11,724,239	21,576,283	4,909,477	727.44	5,767	983	6,749	6,266	7,339	35,389,823

Brick and tile,	46	2,359,135	449,681	723,536	645.30	1,050	53	1,103	608	1,704	1,592,676
Brooms,	20	213,611	220,072	63,772	607.35	98	7	106	92	114	374,349
Brushes,	20	3,705,292	2,333,285	803,211	603.11	772	709	1,481	1,234	1,714	4,352,691
Butter,	14	108,581	561,171	28,787	624.72	46	-	46	45	49	710,573
Buttons,	12	1,168,970	439,241	390,527	500.68	315	485	780	706	873	1,140,688
Canning and preserving,	52	5,987,931	7,105,479	1,180,411	531.48	1,085	536	2,231	1,752	2,759	9,649,202
Carpets and rugs, other than rag,	12	14,398,832	8,379,511	2,755,679	603.79	2,654	1,910	4,564	4,138	4,968	12,867,473
Carpets, rag,	19	57,742	25,193	47,709	561.28	72	13	55	61	115	129,337
Carriages and sleds, children's,	8	1,847,539	1,505,041	814,106	646.75	1,079	142	1,221	987	1,430	2,887,784
Carriages and wagons, and materials,	107	2,377,601	933,538	816,179	803.33	1,015	1	1,016	837	1,185	2,386,571
Cars and general shop construction and repairs by steam-railroad companies,	11	10,219,806	5,746,257	5,036,031	817.67	6,142	17	6,159	5,329	6,488	10,782,288
Chemicals,	21	11,990,755	6,600,160	1,737,433	768.78	2,125	125	2,260	1,031	2,494	13,247,541
Cleansing and polishing preparations,	19	290,614	320,667	46,668	729.66	53	11	64	61	76	584,006
Cloth, sponging and refinishing,	5	33,967	6,016	39,385	743.11	53	-	53	48	55	80,115
Clothing, men's,	203	9,588,768	11,832,226	3,614,069	640.67	2,784	2,858	5,642	4,275	6,692	20,550,479
Clothing, men's, buttonholes,	7	3,917	1,394	4,843	434.30	6	4	10	10	11	20,660
Clothing, women's,	221	5,542,425	8,796,947	3,172,023	554.74	1,390	4,328	5,718	4,223	7,400	15,435,422
Coffee and spice, roasting and grinding,	20	4,398,140	6,892,731	306,934	646.18	385	190	475	436	524	9,270,312
Coffins, burial cases, and undertakers' goods,	11	965,723	500,197	211,856	674.70	277	37	314	292	337	1,022,681
Combs and hairpins,	30	2,137,554	2,222,187	1,100,014	554.77	1,483	606	2,091	1,775	2,451	4,371,081
Confectionery and ice cream,	223	15,073,415	18,547,417	3,814,114	432.68	2,385	5,517	7,908	6,339	9,839	28,918,856
Confectionery,	125	12,039,709	16,683,246	3,424,100	462.35	1,915	5,491	7,406	5,901	9,081	25,089,264
Ice cream,	98	1,032,706	1,864,071	389,964	756.20	470	26	406	331	758	3,229,071

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number		Smallest Number	Greatest Number		
						Males	Females				
											Both Sexes
The State — Continued.											
Copperage,	35	\$1,706,794	\$1,188,579	\$501,819	\$637.64	781	6	787	782	899	\$1,977,631
Copper, tin, and sheet-iron products,	144	5,993,672	4,646,198	2,081,098	713.68	2,757	159	2,916	2,417	3,560	9,603,565
Cordage and twine, and lute goods,	14	23,777,856	16,493,558	2,774,728	502.67	3,379	2,141	5,520	3,716	6,147	23,995,172
Corsets,	11	3,164,988	2,407,879	984,489	446.48	279	1,926	2,205	1,489	2,572	5,199,308
Cotton goods,	170	290,128,060	156,960,846	62,020,546	540.13	61,572	53,254	114,826	108,078	120,426	272,076,819
Cotton small wares,	23	2,306,384	1,991,925	653,397	480.44	599	761	1,360	1,202	1,534	3,407,227
Cutlery and tools, not elsewhere specified,	145	28,003,580	7,283,678	6,605,899	739.49	7,955	978	8,933	7,714	10,287	25,923,722
Dental goods,	7	120,223	617,204	31,192	603.16	36	9	45	43	48	706,247
Dyeing and finishing textiles,	61	55,538,490	32,399,111	8,776,013	597.62	11,800	2,885	14,685	13,080	16,369	55,013,743
Dyestuffs and extracts,	18	1,160,844	2,078,956	130,172	782.44	171	2	173	139	218	3,255,693
Electrical machinery, apparatus, and supplies,	88	39,741,722	30,256,548	16,023,876	720.01	17,390	4,865	22,255	17,326	25,348	65,360,513
Electroplating,	49	226,341	101,242	194,611	742.79	251	11	262	220	325	486,702
Enameling and Japanning,	14	210,039	154,809	94,715	532.11	122	56	178	147	215	364,299
Engraving and diesinking,	26	146,674	51,421	135,067	865.81	146	10	156	135	176	311,872
Engraving, steel and copper plate, including plate printing,	17	382,820	221,614	295,337	735.56	234	156	390	347	442	881,976
Envelopes,	14	6,640,192	4,122,916	1,203,855	562.52	718	1,431	2,149	1,985	2,290	7,822,660
Fancy articles, not elsewhere specified,	18	1,430,611	1,187,435	653,283	526.84	611	629	1,240	1,875	1,546	2,444,793

Felt goods,	13	3,886,123	3,394,044	600,780	637.73	835	132	967	781	1,161	5,020,198
Firearms,	7	15,145,946	2,972,395	5,099,887	791.54	5,911	532	6,443	3,626	10,423	9,130,966
Flavoring extracts,	23	710,358	660,260	54,452	486.18	43	70	112	100	130	1,243,705
Flour-mill and gristmill products,	74	2,376,968	3,680,299	96,641	765.01	128	-	128	126	133	4,016,953
Food preparations,	43	1,828,965	2,506,685	314,576	632.95	383	114	497	382	718	4,407,164
Foundry and machine-shop products,	669	141,376,336	60,708,704	46,324,068	794.62	56,398	1,037	58,025	48,181	66,316	153,081,185
Fur goods,	14	453,183	380,997	170,192	940.28	93	88	181	95	245	859,748
Furnishing goods, men's,	17	870,168	1,206,935	245,891	664.55	122	402	525	423	645	1,921,865
Furniture,	117	10,620,499	6,425,464	4,306,304	640.43	5,943	783	6,725	5,818	7,593	14,996,131
Cabreaching,	3	19,098	21,153	8,964	896.40	10	-	10	9	11	45,137
Gas and electric fixtures,	12	232,802	175,817	111,746	798.19	136	4	140	115	167	419,557
Gas, illuminating and heating,	48	64,803,965	5,520,443	1,794,672	816.50	2,108	-	2,196	1,845	2,576	16,875,430
Glass, cutting, staining, and ornamenting,	30	194,078	93,003	148,996	744.98	191	9	300	153	237	365,854
Glue,	9	2,557,128	1,795,306	390,102	563.72	517	175	602	577	763	3,004,127
Gold and silver, leaf and foil,	10	133,814	136,364	73,556	536.91	86	70	137	119	163	244,451
Gold and silver, reducing and refining, not from the ore,	5	166,634	180,294	15,701	872.28	18	-	18	17	20	268,898
Grease and tallow,	27	2,109,026	2,313,880	434,641	726.82	564	4	568	555	643	3,645,835
Hand stamps and stencils and brands,	24	143,313	115,670	81,243	694.38	101	16	117	108	126	320,423
Hardware,	36	4,009,945	1,329,466	1,015,505	694.23	1,333	130	1,463	1,049	1,688	3,745,731
Hats and caps, other than felt, straw, and wool,	30	348,194	520,245	201,413	714.23	190	82	262	229	329	914,384
Hats, fur-felt,	8	1,275,246	647,707	457,183	597.89	456	309	765	672	944	1,460,152
Hats, straw,	15	2,548,635	2,491,320	1,152,509	603.02	696	1,213	1,911	634	3,363	4,426,733
Hosiery and knit goods,	59	19,004,649	12,895,835	8,919,005	518.62	3,254	8,189	11,413	9,605	12,501	25,244,460

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year.	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product	
						Average Number			Smallest Number	Greatest Number		
						Males	Females	Both Sexes				
The State — Continued.												
House-furnishing goods, not elsewhere speci-												
fied,	24	\$874,276	\$925,760	\$216,998	\$513.00	213	210	423	322	529		\$1,429,094
Ice, manufactured,	5	296,104	63,941	34,638	769.73	45	—	45	36	68		160,986
Instruments, professional and scientific,	21	1,167,669	372,710	392,588	683.95	531	43	574	444	677		1,254,423
Iron and steel, steel works and rolling mills,	11	10,810,337	13,665,231	3,282,232	925.62	3,448	98	3,546	3,227	3,945		23,186,899
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,	9	3,073,407	2,105,792	949,744	699.37	957	401	1,358	1,272	1,476		3,734,234
Iron and steel forgings,	12	4,565,788	2,673,196	1,151,779	899.83	1,249	31	1,280	1,129	1,423		5,908,410
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	25	3,564,544	3,047,452	960,728	624.66	1,155	383	1,538	1,357	1,684		5,857,444
Ivory, shell, and bone work, not including combs and hairpins,	5	223,198	257,181	62,497	584.08	75	32	107	88	130		403,929
Jewelry,	155	14,932,267	9,543,925	4,040,983	685.14	3,886	2,012	5,898	4,741	7,071		17,414,450
Jewelry and instrument cases,	10	642,344	318,643	200,459	406.61	144	349	493	350	666		873,114
Labels and tags,	6	65,615	68,736	22,686	872.54	17	9	26	23	30		168,097
Lamps and reflectors,	7	594,082	632,026	182,374	655.66	239	39	278	177	386		1,099,793
Lasts,	30	2,171,749	864,844	811,972	863.80	931	9	940	740	1,182		2,623,042

Leather goods, not elsewhere specified,	44	751,070	732,060	240,888	539.43	263	197	455	321	591	1,296,106
Leather, tanned, curried, and finished,	119	50,232,486	49,398,908	9,053,376	703.48	12,483	386	12,868	10,700	15,328	73,853,609
Lime,	9	823,300	447,748	306,717	662.48	466	-	466	401	528	972,911
Linen goods,	7	4,097,084	2,612,949	663,982	504.41	619	737	1,356	1,109	1,595	4,568,643
Liquors, distilled,	6	1,696,196	1,943,316	94,428	843.11	112	-	112	103	124	3,912,876
Liquors, malt, ¹	31	23,515,376	5,068,669	2,195,298	1,014.93	2,149	14	2,163	1,999	2,322	16,993,348
Lithographing,	15	2,667,925	1,250,830	906,197	738.55	906	321	1,227	1,153	1,341	3,533,001
Looking-glass and picture frames,	24	183,212	183,427	96,268	773.76	124	3	127	116	142	398,010
Lumber and timber products,	97	3,239,102	1,713,994	555,005	622.90	885	6	891	728	1,150	2,864,567
Lumber, planing-mill products,	172	6,060,374	5,075,156	2,386,023	818.19	2,913	2	2,915	2,219	3,503	9,272,234
Marble and stone work,	90	4,850,034	967,518	1,024,135	776.36	2,092	-	2,092	1,032	3,048	3,274,329
Mattresses and spring beds,	51	1,394,040	1,899,038	474,723	621.38	506	169	764	645	864	3,105,821
Millinery and lace goods,	62	2,229,396	2,930,770	740,922	460.30	263	1,347	1,610	1,197	2,133	4,858,294
Mineral and soda waters,	122	2,185,115	1,583,804	355,838	739.77	473	8	481	335	700	3,428,568
Minerals and earths, ground,	8	598,122	263,217	77,968	684.11	106	6	114	102	147	603,564
Mirrors,	7	126,544	264,897	91,482	692.05	131	1	132	120	140	539,592
Models and patterns, not including paper patterns,	61	340,502	131,139	352,231	905.45	382	7	389	303	495	830,966
Monuments and tombstones,	172	1,831,702	840,583	937,562	880.34	1,065	-	1,065	617	1,423	2,872,909
Mucilage and paste,	17	820,756	1,275,344	71,145	773.32	75	17	92	81	106	1,689,396
Musical instruments and materials, not specified,	16	404,641	191,641	176,407	673.31	219	43	262	210	305	505,053
Musical instruments, pianos and organs, and materials,	45	11,854,590	3,996,246	2,747,022	743.04	3,424	273	3,697	2,985	4,172	8,612,423
Oil, not elsewhere specified,	14	2,150,795	3,025,623	229,613	755.31	288	16	304	273	343	4,156,818

¹ Includes five establishments under one management.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.
 A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
The State — Continued.											
Paints and varnishes,	32	\$4,106,215	\$4,123,248	\$392,443	\$994.59	513	52	565	477	694	\$7,068,233
Paper and wood pulp,	85	56,435,323	41,435,134	9,515,326	672.19	10,196	3,965	14,160	12,558	15,540	70,497,368
Paper goods, not elsewhere specified,	49	8,714,644	8,118,001	2,390,762	595.90	2,394	1,718	4,012	3,471	4,391	13,525,509
Patent medicines and compounds and drug- gists' preparations,	95	6,470,007	4,606,876	794,722	559.66	695	725	1,420	1,118	1,693	9,803,964
Photographic apparatus and materials,	3	92,910	29,125	16,968	633.23	19	7	26	21	33	70,302
Photo-engraving,	26	376,712	160,609	372,300	974.63	350	32	382	351	416	933,177
Plumbers' supplies,	20	1,358,941	709,064	379,250	647.18	543	43	586	506	677	1,401,633
Pocketbooks,	10	506,283	324,079	175,667	501.91	113	237	360	251	442	683,472
Pottery,	7	327,076	74,280	105,186	674.27	139	17	156	147	165	270,342
Printing and publishing,	681	20,735,097	11,684,876	8,312,190	839.48	7,923	2,090	10,021	9,104	11,020	30,937,661
Refrigerators,	12	290,701	181,954	99,383	831.35	121	—	121	80	150	417,947
Rubber goods, not elsewhere specified,	38	26,034,942	19,602,591	4,708,021	727.36	5,453	1,022	6,474	5,020	7,845	32,337,060
Saddlery and harness,	34	471,650	445,175	131,091	736.47	173	6	178	160	207	632,150
Sausage, not made in slaughtering and meat- packing establishments,	45	533,324	2,598,908	220,546	756.32	287	5	292	266	324	3,201,470
Screws, machine,	17	1,566,185	637,406	347,334	674.43	475	40	515	440	597	1,697,993

Shipbuilding, wooden, including boat building,	61	1,404,067	1,054,267	733,590	842.18	877	-	877	538	1,246	2,305,073
Shirts,	12	1,689,713	1,850,744	916,208	501.31	372	1,456	1,838	1,830	1,975	3,403,887
Shoddy, wool,	23	2,046,312	2,489,997	341,536	616.49	531	33	554	413	767	3,715,032
Show cases,	10	99,787	91,550	59,710	840.99	71	-	71	66	87	201,949
Signs and advertising novelties,	20	346,745	255,646	208,991	598.33	207	142	349	304	467	724,183
Silk and silk goods, including throwsters,	17	12,774,249	8,282,275	2,339,811	571.45	1,245	2,937	4,133	3,467	4,614	14,330,345
Silverware and plated ware,	21	7,804,785	2,991,925	1,831,675	730.04	2,121	888	2,509	2,085	2,862	7,079,304
Slaughtering and meat packing,	36	21,518,980	51,450,372	2,415,261	715.84	3,348	26	3,374	3,010	4,046	59,818,691
Soap,	32	4,083,717	4,603,023	390,678	585.73	442	225	667	508	825	7,038,499
Sporting and athletic goods,	16	3,114,768	2,694,360	1,093,253	678.20	1,209	403	1,612	1,332	1,843	4,034,888
Springs, steel, car and carriage,	7	96,391	36,033	33,764	901.49	43	-	43	37	50	122,237
Stationery goods, not elsewhere specified,	29	4,232,532	3,759,766	1,327,606	580.92	989	1,378	2,367	2,147	2,565	7,199,197
Statuary and art goods,	12	265,476	44,342	84,297	896.78	92	2	94	80	120	227,376
Steam fittings and steam and hot water heating apparatus,	28	8,743,630	4,021,995	2,807,995	771.64	3,468	171	3,639	2,924	4,268	9,572,432
Steam packing,	8	277,883	185,578	54,876	731.66	75	-	75	60	88	435,508
Stereotyping and electrotyping,	16	631,584	200,657	400,448	818.91	396	93	489	456	521	960,415
Stoves and hot-air furnaces, not including gas and oil stoves,	14	3,167,299	1,311,084	1,447,971	927.00	1,560	2	1,562	1,364	1,706	4,059,091
Structural ironwork, not made in steel works or rolling mills,	50	2,935,980	4,000,175	1,205,873	792.20	1,522	-	1,522	1,254	1,842	6,564,051
Surgical appliances,	13	1,214,805	1,796,140	192,062	662.35	182	108	290	260	329	2,236,110
Suspenders, garters, and elastic woven goods,	28	5,671,474	5,281,057	1,863,822	575.43	1,144	2,095	3,239	2,901	3,529	10,149,264

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
The State — Concluded.											
Tobacco manufactures,	241	\$4,645,319	\$3,672,244	\$2,937,114	\$819.28	2,735	850	3,585	2,934	4,033	\$8,751,442
Toys and games,	18	2,468,666	1,301,552	761,398	513.76	919	563	1,482	954	1,888	2,968,398
Trunks and valises,	21	953,895	815,925	243,151	607.88	304	96	400	273	494	1,406,565
Type founding and printing materials,	6	271,200	117,143	72,507	814.69	71	18	89	83	97	320,017
Upholstering materials,	8	1,546,189	3,071,119	175,056	625.20	251	29	280	230	372	3,625,111
Vinegar and cider,	34	353,427	263,895	44,074	637.82	67	-	67	52	144	421,592
Waste,	10	3,725,101	9,327,987	478,624	453.67	696	359	1,065	877	1,225	10,892,760
Watch and clock materials,	6	162,832	70,049	112,149	526.53	84	129	213	176	242	247,854
Whips,	18	2,475,066	1,066,336	489,041	531.92	655	283	937	861	1,027	2,551,069
Window and door screens,	15	168,206	133,018	69,841	684.72	99	3	102	63	164	288,712
Window shades and fixtures,	10	160,668	399,244	44,046	611.75	51	21	72	58	96	538,505
Wire,	8	9,295,121	8,692,958	3,027,516	901.35	3,910	109	4,019	3,606	4,525	18,444,423
Wirework, including wire rope and cable,	31	5,599,532	3,456,321	1,314,091	631.91	1,672	441	2,113	1,845	2,397	6,722,137
Wood, turned and carved,	42	2,181,016	956,114	647,309	491.88	1,290	26	1,316	1,090	1,515	2,112,676
Wooden goods,	36	614,285	535,664	224,824	609.26	354	15	369	282	483	980,845

Wool scouring,	11	1,695,713	1,108,083	697,447	603.96	961	44	1,005	926	1,093	2,002,707
Woolen and worsted goods,	169	172,225,943	127,004,817	34,289,018	605.00	33,925	22,916	56,841	48,846	62,968	205,138,791
All other industries, ¹	273	141,794,375	103,230,742	29,653,319	702.85	32,061	10,136	42,197	35,081	49,662	170,997,001

¹ Embraces Aeroplanes, 2; Agricultural implements, 3; Aluminum ware, 3; Ammunition, 4; Artificial flowers, 2; Artists' materials, 2; Asbestos products, not including steam packing, 5; Babbitt metal and solder, 3; Bags, other than paper, 5; Bags, paper, 1; Baking powders and yeast, 4; Belting and hose, woven, 5; Belting and hose, rubber, 3; Bluing, 1; Bone, carbon, and lampblack, 2; Butter, re-working, 1; Candles, 1; Card cutting and designing, 2; Cars and general shop construction and repairs by street railroad companies, 2; Cars, steam railroad, not including operations of railroad companies, 4; Cash registers and calculating machines, 2; Chocolate and cocoa products, 6; Clocks, 5; Clothing, horse, 3; Coke, 1; Collars and cuffs, men's, 1; Cordials and sirups, 4; Cork cutting, 2; Crucibles, 1; Dairy-men's, poultrymen's, and apiarists' supplies, 5; Drug grinding, 2; Emery and other abrasive wheels, 10; Engravers' materials, 1; Explosives, 3; Fertilisers, 5; Files, 4; Fireworks, 5; Flags and banners, 3; Foundry supplies, 1; Furs, dressed, 1; Gas machines and gas and water meters, 3; Glass, 2; Gloves and mittens, leather, 4; Glucose and starch, 3; Grindstones, 1; Hair work, 1; Hammocks, 2; Hand-knit goods, 5; Hat and cap materials, 1; Hats, wool, 3; Horsehoes, not made in steel works or rolling mills, 2; Ink, printing, 2; Ink, writing, 4; Iron and steel, blast furnaces, 1; Iron and steel, doors and shutters, 2; Lead, bar, pipe, and sheet, 1; Lubricating greases, 3; Matches, 1; Mats and matting, 1; Motorcycles, bicycles, and parts, 4; Needles, pins, and books and eyes, 5; Nets and seines, 2; Oilcloth and linoleum, floor, 1; Oilcloth, enameled, 2; Oleomargarine, 1; Optical goods, 14; Paving materials, 2; Peanuts, grading, roasting, cleaning, and shelling, 1; Pens, fountain and stylographic, 4; Pens, gold, 2; Phonographs and graphophones, 1; Pipes, tobacco, 2; Pumps, not including steam pumps, 3; Regalia and society badges and emblems, 8; Roofing materials, 2; Sand and emery paper and cloth, 1; Sand-lime brick, 1; Saws, 11; Scales and balances, 2; Screws, wood, 2; Sewing machines and attachments, 7; Shipbuilding, iron and steel, 1; Smelting and refining, not from the ore, 6; Soda-water apparatus, 5; Stoves, gas and oil, 2; Sugar and molasses, refining, not including beet sugar, 3; Sulphuric, nitric, and mixed acids, 2; Theatrical scenery, 1; Typewriters and supplies, 2; Umbrellas and canes, 5; Wall paper, not made in paper mills, 2; Washing machines and clothes wringers, 2; Watches, 2.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.

B. THE 36 CITIES: BY INDUSTRIES.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Average Number					
						Males	Females	Both Sexes			
ATLEBORO.											
Electroplating,	126	\$17,703,889	\$10,933,806	\$4,243,253	\$684.62	4,610	1,588	6,198	5,833	7,146	\$20,148,405
Engraving and diesinking,	6	41,791	17,748	17,004	566.80	23	7	30	24	38	46,588
Jewelry,	8	20,627	6,466	30,698	829.68	35	2	37	32	42	60,580
Other industries,	70	8,704,757	6,886,069	2,135,413	710.62	1,947	1,033	3,005	2,504	3,576	11,401,037
	42	8,936,714	4,023,023	2,060,138	659.03	2,605	521	3,126	2,773	3,490	8,640,200
BEVERLY.											
Boot and shoe cut stock and findings,	55	12,242,293	5,202,631	5,047,763	786.26	5,536	884	6,420	5,796	7,139	12,379,387
Boots and shoes,	9	153,848	151,297	26,463	601.43	41	3	44	34	53	242,038
Bread and other bakery products,	11	1,914,666	2,912,674	1,093,261	624.72	1,075	675	1,750	1,324	1,908	4,793,685
Other industries,	8	21,306	74,500	16,397	655.88	22	3	25	25	26	110,361
	27	10,152,473	2,064,160	3,911,642	850.17	4,398	203	4,601	4,213	5,152	7,833,303
BOSTON.											
Artificial limbs,	2,603	226,988,796	202,096,149	59,241,245	700.46	58,496	26,079	84,576	70,234	99,471	353,493,371
Automobiles, including bodies and parts,	4	22,150	9,359	14,254	838.47	17	-	17	13	19	47,337
Awnings, tents, and sails,	17	521,461	234,797	237,157	812.18	289	3	292	210	370	702,900
Blacking, stains, and dressings,	21	233,178	329,478	128,361	717.10	111	68	179	120	296	628,433
Bookbinding and blank-book making,	11	487,556	447,144	67,014	620.50	53	55	108	86	128	773,235
	46	752,943	398,541	633,646	595.53	458	606	1,064	941	1,221	1,472,329
Boot and shoe cut stock and findings,	36	6,746,377	21,879,436	841,916	652.14	1,053	238	1,291	948	1,554	25,341,903
Boots and shoes,	15	12,248,687	10,583,435	4,629,543	590.35	4,413	3,429	7,842	6,973	8,628	18,697,988
Boxes, fancy and paper,	18	889,481	964,192	468,787	475.93	318	607	985	855	1,126	2,016,619

Brass, bronze, and copper products, . . .	21	273,390	504,396	155,968	335.23	189	-	189	164	211	783,046
Bread and other bakery products, . . .	225	3,597,487	6,242,889	1,940,570	712.09	1,498	333	1,881	1,776	2,059	10,370,796
Canning and preserving, . . .	21	1,423,848	2,352,757	318,045	531.85	349	249	598	499	765	3,067,533
Carriages and wagons, and materials, . .	20	335,041	202,713	212,820	875.80	243	-	243	199	281	556,550
Chemicals, . . .	4	210,703	421,080	14,356	574.24	25	-	25	19	30	540,781
Cleaning and polishing preparations, . .	9	171,681	218,067	22,580	664.12	24	10	34	34	42	381,500
Cloth sponging and refinishing, . . .	5	33,997	6,016	39,385	743.11	53	-	53	45	55	80,115
Clothing, men's, . . .	164	8,097,731	9,863,238	3,054,455	679.83	2,367	2,125	4,493	3,318	5,373	17,700,475
Clothing, men's, buttonholes, . . .	7	3,917	1,894	4,848	484.80	6	4	10	10	11	20,060
Clothing, women's, . . .	160	3,395,611	6,081,577	2,264,389	610.51	1,138	2,571	3,709	2,856	4,896	10,965,288
Coffee and spice, roasting and grinding, .	16	3,950,546	6,389,954	289,136	648.29	264	182	446	408	493	8,722,295
Confectionery and ice cream, . . .	63	8,359,637	12,671,394	9,607,121	468.06	1,364	4,216	5,670	4,386	6,833	19,478,292
Confectionery, . . .	51	8,191,823	12,428,708	2,557,010	464.24	1,293	4,216	5,608	4,241	6,733	19,062,041
Ice cream, . . .	12	147,768	242,616	50,111	808.24	69	-	62	45	80	416,261
Copper, tin, and sheet-iron products, . .	74	3,159,299	2,878,960	1,130,230	714.43	1,466	116	1,852	1,293	2,000	5,669,789
Cotton goods, . . .	8	2,787,815	1,468,681	408,098	530.78	489	440	929	876	978	2,501,069
Cutlery and tools, not elsewhere specified, .	20	5,925,016	1,242,671	789,075	672.70	726	447	1,173	1,003	1,376	6,197,283
Dental goods, . . .	7	120,223	617,204	31,192	693.16	36	9	45	43	48	706,247
Dyestuffs and extracts, . . .	9	637,944	763,122	40,020	727.64	55	-	55	46	59	1,372,295
Electrical machinery, apparatus, and sup- plies, . . .	28	5,431,356	2,685,278	1,247,406	640.68	1,361	596	1,947	1,572	2,435	5,753,003
Electroplating, . . .	26	89,313	46,067	103,303	794.64	129	1	130	114	151	239,382
Enameling and japanning, . . .	3	28,981	12,448	17,374	675.92	26	-	26	21	29	43,357
Engraving and die-making, . . .	12	43,160	27,843	46,762	792.58	51	8	59	56	65	122,398
Engraving, steel and copper plate, including plate printing, . . .	15	369,720	218,100	288,277	758.62	223	132	380	340	429	861,576

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.

B. THE 36 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Average Number					
						Males	Females	Both Sexes			
BOSTON — Continued.											
Fancy articles, not elsewhere specified,	6	\$107,203	\$77,034	\$33,529	\$453.09	16	58	74	46	106	\$176,577
Flavoring extracts,	8	462,742	427,407	25,524	510.48	20	30	50	44	60	744,851
Food preparations,	17	1,118,484	1,702,854	219,191	662.21	260	71	331	262	446	3,283,599
Foundry and machine-shop products,	154	25,365,359	11,450,191	8,962,349	835.49	10,466	261	10,727	8,552	12,996	31,024,351
Fur goods,	13	438,648	372,967	165,444	934.71	91	86	177	92	239	842,748
Furnishing goods, men's,	12	663,693	969,563	153,380	447.17	60	283	343	296	427	1,531,454
Furniture,	38	990,085	1,140,761	546,742	741.85	687	50	737	619	877	2,422,762
Galvanizing,	3	19,098	21,152	8,964	896.40	10	—	10	9	11	45,137
Gas and electric fixtures,	7	131,394	122,815	63,548	882.61	72	—	72	64	78	248,054
Glass cutting, staining, and ornamenting,	18	90,766	46,485	84,560	829.02	99	3	102	82	116	204,837
Hand stamps and stencils and brands,	14	77,894	79,909	57,054	771.00	71	3	74	69	79	216,173
Hardware,	11	162,355	62,203	50,050	725.36	58	11	69	58	77	201,440
Hats and caps, other than felt, straw, and wool,	25	324,402	503,207	193,262	723.83	180	87	267	216	308	877,844
Hosiery and knit goods,	8	1,359,199	1,364,664	384,820	443.34	113	765	868	744	974	2,259,427
House-furnishing goods, not elsewhere speci- fied,	8	61,792	113,676	61,065	555.14	45	65	110	81	142	256,367
Instruments, professional and scientific,	10	942,405	264,832	316,138	660.00	445	34	479	359	571	1,005,098
Jewelry,	25	501,957	314,203	177,184	942.47	169	19	188	173	205	719,402
Leather goods, not elsewhere specified,	18	282,280	365,118	96,735	559.16	91	82	173	114	230	611,649

Liquors, malt. ¹	17	14,378,459	2,815,265	1,293,787	1,022,76	1,251	14	1,265	1,163	1,364	9,490,468
Lithographing,	6	280,122	129,170	102,734	778,29	113	19	132	119	145	356,797
Looking-glass and picture frames,	18	128,836	131,379	79,252	806,96	96	2	98	94	105	316,300
Lumber, planing-mill products,	44	1,441,943	1,579,730	660,300	848,71	778	-	778	582	940	2,795,393
Marble and stone work,	12	709,616	386,901	275,109	876,14	314	-	314	245	406	782,650
Mattresses and spring beds,	22	895,966	1,428,796	335,429	638,91	409	116	625	452	593	2,390,422
Millinery and lace goods,	55	1,645,813	2,242,225	562,196	455,59	189	1,045	1,234	932	1,624	3,676,547
Mineral and soda waters,	26	867,753	563,558	114,053	775,87	147	-	147	104	200	1,291,358
Mirrors,	6	89,836	231,597	70,323	724,98	97	-	97	89	102	458,292
Models and patterns, not including paper patterns,	21	112,443	31,005	89,063	899,63	96	3	99	80	122	201,783
Monuments and tombstones,	8	66,737	20,201	28,730	990,69	29	-	29	18	46	88,026
Musical instruments and materials, not specified,	12	842,595	161,316	143,506	755,29	160	30	190	164	215	411,245
Musical instruments, pianos and organs, and materials,	13	3,839,870	1,602,310	1,002,789	867,46	1,116	40	1,156	817	1,344	3,282,289
Oil, not elsewhere specified,	6	1,006,631	1,690,471	123,339	756,98	157	6	163	147	186	2,338,210
Paints and varnishes,	8	757,550	908,757	74,636	710,72	97	8	105	80	116	1,399,119
Paper goods, not elsewhere specified,	11	392,054	151,028	76,062	416,64	51	133	184	126	238	381,361
Patent medicines and compounds and druggists' preparations,	45	3,115,847	2,381,287	463,990	542,94	366	480	856	670	1,006	6,176,191
Photo-engraving,	18	253,025	114,119	267,921	1,042,49	247	10	247	230	283	792,555
Plumbers' supplies,	6	214,172	61,189	51,287	837,21	62	-	63	55	70	169,447
Printing and publishing,	279	12,916,580	7,656,277	4,746,992	910,96	4,006	806	5,211	4,739	5,750	19,815,911
Refrigerators,	7	171,947	132,596	77,078	828,80	98	-	98	59	114	311,439
Rubber goods, not elsewhere specified,	8	556,027	451,937	190,743	569,38	189	146	335	271	403	887,529

¹ Includes five establishments under one management.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.

B. THE 36 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
BOSTON — Concluded.											
Saddlery and harness,	12	\$54,969	\$34,528	\$27,776	\$341.70	31	2	33	31	35	\$97,598
Sausage, not made in slaughtering and meat- packing establishments,	10	174,494	1,033,809	88,548	731.80	118	3	121	103	143	1,280,197
Screws, machine,	7	357,510	323,109	114,032	883.97	121	8	129	104	149	632,177
Shipbuilding, wooden, including boat build- ing,	13	585,295	486,689	356,045	934.50	381	—	381	250	554	1,024,906
Show cases,	6	61,840	59,681	33,450	929.17	36	—	36	33	43	122,732
Signs and advertising novelties,	10	224,369	173,831	139,717	552.24	133	120	253	216	301	478,202
Soap,	8	344,419	548,494	34,540	785.00	44	—	44	39	47	750,586
Stationery goods, not elsewhere specified,	6	579,361	422,967	177,490	680.04	133	128	261	211	299	859,113
Statuary and art goods,	10	290,999	42,731	81,418	894.70	89	2	91	78	112	217,221
Steam fittings and steam and hot-water heat- ing apparatus,	11	5,663,540	2,631,066	1,704,234	769.06	2,057	159	2,216	1,874	2,527	6,048,212
Steam packing,	5	91,650	62,744	32,021	795.63	41	—	41	31	49	190,683
Stereotyping and electrotyping,	8	230,368	119,874	196,687	983.44	195	5	200	186	212	453,344
Structural ironwork, not made in steel works or rolling mills,	16	235,796	326,001	155,037	824.66	188	—	188	146	239	626,883
Surgical appliances,	7	95,281	73,485	57,344	644.31	34	55	89	80	95	201,883
Suspenders, garters, and elastic woven goods,	7	1,162,940	1,478,655	378,804	473.51	97	703	800	679	931	2,678,992

Tobacco manufactures,	70	2,732,417	2,218,726	876.62	2,026	505	2,531	2,105	2,524	0,477,599
Trunks and valises,	14	197,795	84,384	683.95	106	24	130	87	160	463,473
Window shades and fixtures,	8	94,041	30,062	589.45	35	16	51	41	74	371,789
Wirework, including wire rope and cable,	6	13,352	7,097	591.42	11	1	12	7	19	25,494
Wood, turned and carved,	6	72,988	41,443	481.62	48	-	48	32	57	91,377
Other industries,	226	55,254,958	9,338,905	697.77	10,367	3,017	13,364	11,569	15,276	81,212,723
BROCKTON.										
Blacking, stains, and dressings,	903	34,674,545	11,980,167	728.10	11,387	4,557	16,454	13,764	20,741	69,719,896
Boot and shoe cut stock and findings,	13	244,216	269,224	760.17	35	7	42	24	58	559,009
Boots and shoes,	46	5,163,968	1,240,232	662.82	1,234	723	2,087	1,783	2,496	15,498,504
Boxes, fancy and paper,	33	22,330,864	8,894,715	745.13	8,418	3,361	11,779	9,843	15,001	45,208,241
Boxes, wooden packing,	4	182,352	135,332	498.04	45	113	188	143	174	271,819
Bread and other bakery products,	4	226,019	56,099	682.78	86	-	86	75	99	276,677
Carriages and wagons and materials,	14	229,843	470,094	851.57	117	2	119	108	147	739,557
Confectionery and ice cream,	6	34,000	9,267	810.33	12	-	12	8	16	40,242
Cutlery and tools, not elsewhere specified,	9	197,463	50,005	400.04	43	82	125	100	150	353,386
Foundry and machine-shop products,	11	98,453	75,672	911.71	83	-	83	69	89	191,266
Foundry and machine-shop products,	11	584,247	231,373	777.00	316	5	321	227	558	760,605
Lasts,	7	769,460	214,021	801.94	267	1	268	205	243	752,467
Other industries,	54	4,594,418	976,759	695.70	1,111	293	1,404	1,174	1,665	5,062,973
CAMBRIDGE.										
Bookbinding and blank-book making,	898	44,485,370	13,199,004	661.57	14,145	5,683	19,351	16,578	22,333	75,743,013
Bread and other bakery products,	7	887,573	185,702	599.04	130	180	310	276	343	471,119
Confectionery and ice cream,	41	2,080,871	3,029,628	685.91	810	215	1,025	831	1,117	4,988,234
Confectionery and ice cream,	18	2,516,486	819,176	619.89	464	396	1,350	1,061	1,390	5,081,775
Confectionery,	13	2,340,753	526,028	431.17	325	895	1,220	901	1,485	4,448,101
Ice cream,	5	174,728	86,241	842.41	99	1	100	70	135	638,674

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.

B. THE 36 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Both Sexes					
						Males	Females				
CAMBRIDGE — Concluded.											
Foundry and machine-shop products, . .	25	\$7,662,104	\$4,180,932	\$3,013,302	\$309.81	3,295	426	3,721	2,851	4,452	\$9,479,787
Furniture,	11	1,478,803	465,585	586,559	819.22	676	40	716	429	884	1,428,110
Looking-glass and picture frames, . .	3	6,965	3,760	3,300	660.00	5	—	5	3	7	17,420
Lumber, planing-mill products,	6	249,042	135,689	150,742	1,124.94	134	—	134	88	173	414,286
Marble and stone work,	6	253,198	163,763	136,025	951.22	143	—	143	84	205	374,721
Musical instruments, pianos and organs, and materials,	6	3,239,591	763,121	604,170	651.75	825	102	927	821	1,011	1,963,770
Patent medicines and compounds and druggists' preparations,	5	238,365	159,362	60,600	582.69	53	51	104	94	116	273,855
Structural ironwork,	8	1,311,046	1,145,489	305,904	766.68	399	—	399	336	474	1,826,627
Wood, turned and carved,	3	86,777	5,071	11,729	781.93	14	1	15	11	20	26,992
Other industries,	153	32,400,152	30,868,516	6,825,246	619.80	7,240	3,772	11,012	9,643	12,511	49,397,718
CHELSEA.											
Boots and shoes,	7	2,719,238	3,547,307	1,386,027	569.44	1,567	867	2,434	1,732	2,795	6,179,970
Boxes, fancy and paper,	3	312,546	206,484	83,534	437.35	87	104	191	152	235	414,770
Bread and other bakery products, . .	14	222,480	277,257	99,482	857.60	116	—	116	109	128	493,333
Lumber, planing-mill products,	3	115,968	50,439	36,829	818.42	45	—	45	40	48	112,432
Tobacco manufactures,	8	14,187	13,996	9,082	648.71	10	4	14	14	14	35,957
Other industries,	70	8,086,561	7,028,321	2,683,009	697.79	3,018	827	3,845	2,897	4,442	14,020,478

[illegible]

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.
 B. THE 36 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number		Smallest Number	Greatest Number		
						Males	Females				
											Both Sexes
GLOUCESTER.											
Canning and preserving, fish,	75	\$8,100,271	\$6,917,477	\$1,638,334	\$655.37	2,202	748	2,960	3,618	\$10,579,043	
Clothing, men's,	15	4,359,240	4,351,886	792,902	534.30	1,233	251	1,484	1,781	5,949,897	
Shipbuilding, wooden, including boat build- ing,	5	68,936	119,469	29,143	373.63	23	55	78	80	164,963	
Tobacco manufactures,	8	90,574	26,983	18,043	784.48	23	-	23	16	63,013	
Other industries,	7	6,263	11,570	7,298	663.45	10	1	11	9	26,538	
	40	3,575,258	2,407,569	790,948	584.16	913	441	1,354	915	4,374,632	
HAVERHILL.											
Boot and shoe cut stock and findings,	363	26,138,572	39,717,305	11,216,680	702.88	10,430	5,530	15,960	20,068	61,112,140	
Boots and shoes,	139	6,888,750	12,041,455	1,340,187	600.44	1,629	603	2,232	2,891	15,889,016	
Boxes, fancy and paper,	121	14,143,802	21,433,158	8,543,887	731.12	7,258	4,428	11,686	14,713	35,382,459	
Bread and other bakery products,	6	164,294	232,107	129,165	576.63	85	139	224	193	461,482	
Confectionery and ice cream,	18	97,252	197,981	41,636	771.04	54	-	54	47	318,349	
	6	31,000	72,221	15,530	705.91	19	3	22	14	137,246	
Foundry and machine-shop products,	8	83,691	97,007	92,876	814.70	114	-	114	92	229,871	
Models and patterns, not including paper patterns,	6	24,404	11,280	31,700	856.76	36	1	37	32	80,383	
Other industries,	58	4,705,379	5,631,996	1,021,899	642.17	1,235	356	1,591	1,915	8,613,334	
HOLYOKE.											
Bread and other bakery products,	168	56,259,093	34,212,593	11,367,861	649.59	10,133	7,366	17,499	15,568	64,413,927	
Flour-mill and gristmill products,	30	318,353	473,217	93,230	722.71	119	10	129	127	738,330	
	3	28,006	125,771	2,704	901.33	3	-	3	3	136,259	

Foundry and machine-shop products,	16	3,780,661	1,614,993	998,575	820.52	1,189	28	1,217	1,049	1,483	3,814,014
Lumber, planing-mill products,	4	310,934	414,782	161,297	806.49	200	-	200	177	223	708,581
Paper and wood pulp,	21	14,080,670	10,949,524	3,004,530	694.44	2,996	1,332	4,327	3,799	4,791	20,268,071
Paper goods, not elsewhere specified,	5	1,696,117	1,377,814	322,260	679.89	334	140	474	417	519	2,531,924
Printing and publishing, book and job,	7	85,337	36,333	39,146	631.37	42	21	63	58	79	122,967
Sausage, not made in slaughtering and meat- packing establishments,	4	14,150	57,966	8,224	822.40	10	-	10	10	10	75,984
Stationery goods, not elsewhere specified,	9	1,924,440	1,285,503	450,328	547.18	392	431	823	713	949	2,768,707
Tobacco manufactures,	7	24,392	23,503	32,643	652.86	39	11	50	45	51	91,392
Other industries,	62	33,216,033	17,660,188	6,234,015	612.96	4,810	5,208	10,268	8,960	10,974	33,049,788
LAWRENCE.											
Bread and other bakery products,	171	187,110,439	70,351,537	30,138,764	608.07	80,835	19,464	33,449	28,576	37,268	180,180,273
Brooms,	40	315,517	514,306	112,576	750.51	180	-	180	144	156	804,068
Cotton goods,	3	14,080	21,102	7,350	654.17	12	-	12	16	13	35,031
Foundry and machine-shop products,	6	11,039,717	4,505,513	2,163,994	532.09	2,066	1,980	4,066	3,591	4,452	8,339,998
Sausage, not made in slaughtering and meat- packing establishments,	19	1,579,074	794,978	534,535	733.24	664	65	729	608	838	1,819,466
Tobacco manufactures,	6	40,089	298,915	13,080	736.26	19	-	19	19	20	334,994
Tobacco manufactures,	4	3,730	7,364	8,191	535.07	12	2	14	12	14	21,063
Woolen and worsted goods,	12	83,593,549	53,811,565	13,660,557	603.41	13,038	9,901	22,639	19,024	25,432	90,453,208
Other industries,	81	24,924,183	10,507,790	3,037,062	625.08	4,904	916	6,820	5,174	6,336	18,883,216
LEOMINGERS.											
Bread and other bakery products,	69	2,372,133	7,390,963	2,545,466	594.83	3,549	1,914	5,473	4,678	6,391	13,969,764
Combs and hairpins,	3	11,101	60,828	14,920	746.00	20	-	20	19	20	98,807
Foundry and machine-shop products,	21	1,064,178	1,811,129	885,586	578.81	1,101	429	1,530	1,287	1,819	3,450,431
Other industries,	4	60,590	12,139	20,147	805.88	25	-	25	23	28	54,350
Other industries,	41	6,536,264	5,514,887	2,334,513	596.96	2,413	1,685	3,966	3,344	4,324	19,386,167

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.

B. THE 36 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number		Smallest Number	Greatest Number		
						Males	Females		Both Sexes		
LOWELL.	253	\$75,394,663	\$63,750,560	\$22,144,370	\$595.17	23,105	15,103	37,907	33,818	41,617	\$33,771,336
Boots and shoes,	9	1,401,334	3,322,343	990,605	612.17	1,082	546	1,628	1,332	1,964	4,844,655
Bones, wooden packing,	7	368,753	497,602	133,368	533.39	241	-	241	195	295	726,532
Bread and other bakery products,	40	150,825	548,081	138,926	863.73	176	8	184	175	189	969,847
Confectionery and ice cream,	10	58,157	118,105	30,751	533.17	31	4	35	27	45	907,395
Confectionery,	6	22,675	57,262	9,716	511.37	18	4	19	17	21	110,075
Ice cream,	4	29,452	60,843	11,045	690.31	16	-	16	10	25	97,330
Copper, tin, and sheet-iron products,	6	40,833	30,508	27,209	735.35	37	-	37	26	53	89,153
Cotton goods,	8	29,390,374	16,737,410	6,540,935	530.53	6,703	5,626	12,329	11,814	12,967	29,814,122
Foundry and machine-shop products,	22	4,543,538	1,931,075	1,701,604	694.25	2,433	18	2,451	2,106	2,708	4,237,342
Lumber, planing-mill products,	7	183,348	140,775	78,392	768.55	102	-	102	80	115	232,497
Mattresses and spring beds,	3	20,880	23,964	11,840	514.78	19	4	23	17	24	60,233
Mineral and soda waters,	4	20,700	11,753	8,467	705.58	12	-	12	10	17	33,800
Monuments and tombstones,	6	21,408	11,818	11,281	512.93	14	-	14	12	20	37,415
Patent medicines and compounds and druggists' preparations,	6	1,364,332	430,772	88,829	553.67	97	62	159	113	209	907,800
Printing and publishing,	15	419,470	313,545	219,681	896.66	198	47	245	204	324	678,600
Tobacco manufactures,	9	27,661	22,040	13,891	555.64	25	-	25	21	25	44,245

Wood, turned and carved,	3	307,128	310,773	141,976	437.64	333	-	333	293	300	417,307
Woolen and worsted goods,	11	5,332,893	4,006,610	1,174,707	535.60	970	1,027	2,006	1,607	2,211	6,069,069
Other industries,	86	29,543,378	28,459,587	10,515,708	632.17	9,624	7,760	17,384	14,729	20,081	44,367,778
Lynn.											
Blacking, stains, and dressings,	409	43,680,680	53,176,416	19,380,065	705.75	80,046	8,118	88,183	88,943	33,632	104,085,648
Book and shoe cut stock and findings,	11	313,763	335,103	66,192	792.93	83	4	86	69	106	832,037
Books and shoes,	93	6,793,977	15,894,321	981,464	574.29	1,317	492	1,769	1,302	2,066	19,323,016
Buses, fancy and paper,	102	17,098,731	21,180,931	8,602,481	719.33	6,870	4,960	11,250	9,151	14,064	36,107,556
Bread and other bakery products,	7	487,790	504,745	231,248	533.22	207	311	418	336	456	933,003
Carriages and wagons, and materials,	35	216,594	526,153	124,479	792.86	149	8	157	153	161	921,264
Confectionery and ice cream,	5	37,145	15,969	16,796	730.26	23	-	23	15	28	44,325
Foundry and machine-shop products,	5	89,271	101,239	27,650	643.02	34	9	43	35	71	166,456
Leats,	24	1,736,000	354,998	345,155	786.23	435	14	439	357	537	1,092,502
Leather, tanned, curried, and finished,	8	452,505	186,749	219,860	935.61	230	5	235	174	330	678,972
Lumber, planing-mill products,	10	4,093,370	4,578,773	685,901	642.83	972	96	1,067	729	1,366	7,521,154
Mineral and soda waters,	4	119,642	153,172	66,256	836.62	78	-	78	66	91	286,233
Models and patterns, not including paper patterns,	3	43,115	31,408	12,520	834.67	15	-	15	10	24	76,960
Monuments and tombstones,	12	60,755	23,972	51,321	837.76	61	1	62	40	86	133,348
Tobacco manufactures,	4	26,455	10,509	14,105	1,007.50	14	-	14	11	23	41,211
Other industries,	3	6,394	7,400	8,323	735.25	10	2	12	13	12	17,763
Malden.											
All industries,	88	17,106,115	14,311,064	8,334,806	710.94	9,678	2,227	12,005	10,458	12,592	35,880,043
Malden.											
All industries,	70	13,068,663	6,083,609	2,305,800	531.54	2,066	1,698	3,793	3,907	4,551	11,487,093
Maldenborough.											
All industries,	70	13,068,662	5,083,609	2,205,800	531.54	2,066	1,698	3,793	3,907	4,551	11,487,093
Maldenborough.											
All industries,	37	3,758,722	8,141,980	2,471,906	606.83	2,745	1,335	4,080	3,364	4,997	12,055,649
All industries,	37	3,758,722	8,141,980	2,471,906	606.83	2,745	1,335	4,080	3,364	4,997	12,055,649

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.
 B. THE 36 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
MEDFORD.	40	\$2,911,847	\$1,525,178	\$511,241	\$683.48	612	136	748	603	904	\$2,829,379
All industries,	40	2,911,847	1,525,178	511,241	683.48	612	136	748	603	904	2,829,379
MELROSE.	23	3,408,453	1,888,892	629,295	536.94	560	612	1,172	1,000	1,308	3,332,155
All industries,	23	3,408,453	1,888,892	629,295	536.94	560	612	1,172	1,000	1,308	3,332,155
NEW BEDFORD.	186	102,388,219	53,178,065	21,814,471	591.61	22,290	14,613	36,873	34,767	38,989	102,431,084
Bread and other bakery products,	45	504,921	886,779	247,284	666.53	301	70	371	343	391	1,520,176
Confectionery and ice cream,	5	49,930	53,675	12,494	624.70	15	5	20	14	32	90,606
Cotton goods,	30	90,720,542	42,058,572	18,033,288	574.35	17,757	13,641	31,398	29,719	32,956	76,265,702
Foundry and machine-shop products,	16	371,645	266,087	230,317	687.51	311	24	335	293	402	621,561
Monuments and tombstones,	3	15,328	9,565	9,133	1,014.78	9	-	9	4	12	23,882
Sausage, not made in slaughtering and meat- packing establishments,	5	38,807	295,760	18,887	674.54	28	-	28	27	31	344,486
Other industries,	82	10,687,046	14,607,627	3,263,068	692.50	3,839	873	4,712	4,357	5,165	23,564,671
NEWBURYPORT.	61	9,705,045	6,811,042	2,248,063	580.63	2,656	1,388	4,044	3,346	4,675	12,023,643
Boot and shoe cut stock and findings,	4	186,422	279,858	79,078	441.78	107	72	179	141	227	458,127
Boots and shoes,	13	3,157,128	2,965,263	1,362,379	598.58	1,391	885	2,276	1,862	2,687	5,361,273
Boxes, fancy and paper,	3	30,363	33,482	20,582	437.91	15	32	47	42	52	69,577

Bread and other bakery products,	10	179,227	227,233	55,380	537.67	51	53	108	77	133	449,303
Other industries,	21	6,151,895	3,345,067	880,644	577.34	1,092	847	1,430	1,224	1,587	5,675,374
NEWTON.											
All industries,	45	4,691,842	4,368,622	1,598,945	651.04	1,845	611	2,456	2,166	2,779	7,846,459
NORTH ADAMS.											
Bread and other bakery products,	56	15,649,660	11,576,479	3,650,400	616.17	3,991	1,771	5,763	5,075	6,300	18,694,946
Foundry and machine-shop products,	10	245,778	449,226	75,126	535.36	95	48	143	139	147	689,001
Tobacco manufactures,	8	446,540	228,134	159,180	717.03	222	-	222	200	233	541,793
Other industries,	33	14,928,781	10,668,028	3,269,228	614.12	3,037	1,719	5,356	4,700	5,807	17,380,633
NORTHAMPTON.											
Bread and other bakery products,	49	11,311,907	6,863,344	2,307,496	639.33	2,339	1,228	3,610	3,115	4,008	11,066,364
Cutlery and tools, not elsewhere specified,	8	71,816	132,484	27,141	714.34	38	-	38	36	43	213,987
Tobacco manufactures,	5	571,437	231,905	314,890	690.55	459	17	456	434	476	696,289
Other industries,	42	11,154,864	6,488,185	1,955,563	630.84	1,890	1,210	3,100	2,680	3,467	10,123,410
PITTSFIELD.											
Bread and other bakery products,	64	19,469,700	13,043,399	6,445,670	750.78	6,519	2,509	8,331	6,608	10,619	26,553,163
Woolen and worsted goods,	11	78,063	169,978	43,563	777.89	56	-	56	55	58	266,134
Other industries,	48	15,632,956	9,572,524	5,163,688	772.02	5,100	1,595	6,995	4,110	8,129	20,854,536
QUINCY.											
Bread and other bakery products,	166	15,366,890	8,098,319	5,227,336	810.14	6,091	428	6,443	5,339	7,968	17,375,963
Cutlery and tools, not elsewhere specified,	5	14,900	25,102	13,651	758.39	6	-	6	6	6	43,907
Marble and stone work,	4	55,714	23,531	18,951	874.39	18	-	18	15	21	61,801
Monuments and tombstones,	17	1,080,469	189,251	299,040	878.30	342	-	342	240	403	670,013
Other industries,	95	1,277,994	605,435	707,943	878.54	806	-	806	428	1,061	2,161,248
	35	12,937,313	7,215,192	4,202,793	795.83	4,849	433	5,281	4,650	6,471	14,338,294

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.

B. THE 36 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
REVERE.	15	\$470,108	\$500,123	\$77,479	\$351.42	86	5	91	57	136	\$662,567
All industries,	15	470,108	500,123	77,479	851.42	86	5	91	57	136	662,567
SALEM.	128	14,298,307	11,837,016	3,858,753	638.73	3,853	2,157	6,010	4,981	6,966	\$9,132,869
Boot and shoe cut stock and findings,	20	436,908	656,510	214,184	506.35	251	172	423	357	494	1,039,390
Boots and shoes,	11	2,778,511	3,875,640	1,474,771	661.93	1,313	915	2,228	1,835	2,569	6,560,723
Bread and other bakery products,	11	87,327	255,170	45,155	885.39	51	-	51	45	56	384,150
Foundry and machine-shop products,	16	366,642	217,100	174,426	880.94	197	1	198	175	253	507,502
Leather, tanned, curried, and finished,	22	2,040,274	3,515,691	851,057	727.40	1,137	33	1,170	955	1,428	5,108,799
Other industries,	48	8,558,145	3,316,905	1,079,160	556.27	904	1,036	1,940	1,564	2,167	6,492,396
SOMERVILLE.	118	24,138,590	45,460,597	3,918,385	701.97	5,251	331	5,583	4,998	6,496	\$6,812,943
Bread and other bakery products,	23	250,959	467,626	104,134	760.10	113	24	137	130	144	771,439
Confectionery and ice cream,	7	64,773	173,683	40,037	597.57	48	19	67	49	94	289,436
Foundry and machine-shop products,	7	166,806	124,775	62,585	782.31	77	3	80	68	96	240,818
Other industries,	81	23,656,052	44,694,513	3,711,629	700.57	5,013	285	5,398	4,751	6,163	55,511,255
SPRINGFIELD.	507	56,909,766	29,231,210	13,866,805	762.55	13,807	4,404	18,211	13,483	23,545	\$3,879,403
Bread and other bakery products,	32	733,941	949,230	265,934	836.27	250	38	318	280	386	1,676,063
Carrriages and wagons,	5	167,303	34,693	32,184	846.95	38	-	38	31	49	99,009
Copper, tin, and sheet-iron products,	7	153,343	121,966	86,390	928.92	93	-	93	70	115	270,013

Foundry and machine-shop products,	40	6,000,469	2,489,369	1,866,323	887.53	2,196	46	3,242	2,009	2,357	6,010,930
Mattresses and spring beds,	5	238,016	199,265	57,194	638.51	76	16	91	72	109	268,107
Mineral and soda waters,	5	31,968	58,028	13,356	890.40	15	-	15	10	26	100,390
Paper goods, not elsewhere specified,	8	1,566,733	1,319,612	369,384	578.98	276	248	524	437	602	2,246,892
Photo-engraving,	4	36,204	9,508	49,168	1,117.45	43	1	44	39	47	91,547
Tobacco manufactures,	20	409,836	383,251	373,356	739.21	310	202	512	421	607	998,402
Other industries,	181	46,080,923	23,700,198	10,860,316	786.98	10,481	3,853	14,324	10,114	19,047	46,489,064
TAYLOR.											
Bread and other bakery products,	88	80,653,860	14,016,857	5,606,714	654.88	6,839	2,169	8,408	7,838	9,273	86,480,098
Brick and tile,	10	55,749	211,948	47,295	838.16	57	-	57	52	61	330,118
Cotton goods,	4	437,305	99,196	129,407	570.07	227	-	227	161	284	318,171
Foundry and machine-shop products,	8	7,948,284	4,882,793	1,563,137	524.87	1,580	1,401	2,981	2,760	3,143	7,947,905
Stoves and hot-air furnaces, not including gas and oil stoves,	8	3,212,426	914,088	1,076,372	786.25	1,863	7	1,269	1,003	1,709	3,919,591
Tobacco manufactures,	7	1,922,000	964,841	1,037,467	983.50	1,056	2	1,068	1,028	1,132	2,070,354
Other industries,	50	7,449,666	6,933,486	1,037,616	614.72	1,909	755	2,664	2,186	3,000	11,897,597
WALTHAM.											
Bread and other bakery products,	76	24,987,091	4,876,393	4,882,380	670.65	4,835	2,445	7,280	6,081	8,459	18,751,808
Confectionery and ice cream,	7	89,545	291,138	47,441	817.95	54	4	58	58	58	406,578
Foundry and machine-shop products,	4	14,080	25,815	6,029	669.89	6	3	9	8	9	52,060
Tobacco manufactures,	11	813,172	297,089	413,458	733.08	562	12	564	486	654	1,066,168
Watch and clock materials,	3	3,064	5,582	4,008	576.00	6	2	8	8	10	13,944
Other industries,	5	121,833	59,602	89,233	592.17	77	72	149	128	169	181,463
	46	23,241,397	4,197,267	4,322,551	665.83	4,140	2,352	6,492	5,375	7,559	12,032,970

Hats and caps, other than felt, straw, and wool,	3	14,139	7,574	2,211	737.00	2	1	3	3	5	13,351
Lumber, planing-mill products,	8	499,468	343,771	231,015	825.05	290	-	280	218	341	750,394
Mineral and soda waters,	5	63,024	83,869	31,467	925.50	32	2	34	17	60	145,432
Models and patterns, not including paper patterns,	4	29,820	27,288	37,948	862.45	44	-	44	32	53	92,076
Sausage, not made in slaughtering and meat- packing establishments,	5	119,504	322,856	33,297	853.77	37	2	39	37	41	422,656
Tobacco manufactures,	13	45,508	63,211	34,092	568.20	47	13	60	49	68	126,083
Wirework, including wire rope and cable,	9	2,516,988	1,847,304	641,810	554.24	851	307	1,158	905	1,321	3,397,231
Woolen and worsted goods,	14	3,375,131	4,190,180	915,415	637.48	734	702	1,436	1,255	1,602	6,120,350
Other industries,	237	70,059,189	53,558,058	16,221,695	738.76	17,100	4,858	21,958	18,354	25,714	99,430,469
TOTAL FOR THE 36 CITIES,	7,477	\$1,358,366,614	\$1,016,187,693	\$336,867,490	\$960.89	560,044	159,877	609,701	431,308	686,646	\$1,773,661,838

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES.

INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Smallest Number		Greatest Number
						Males	Females	Both Sexes			
METROPOLITAN BOSTON.	4,340	\$510,487,107	\$442,220,482	\$131,954,794	\$689.91	136,480	54,785	191,265	158,896	223,384	\$785,026,022
Artificial limbs,	4	22,150	9,359	14,254	838.47	17	-	17	13	19	47,337
Artificial stone,	20	408,180	122,599	198,191	832.74	238	-	238	160	303	436,617
Automobiles, including bodies and parts,	36	4,195,423	2,174,802	1,539,950	824.83	1,860	7	1,867	1,336	2,300	4,782,163
Awnings, tents, and sails,	27	259,798	383,039	147,375	688.67	131	83	214	132	366	721,529
Baskets, and rattan and willow ware,	9	48,802	37,264	27,719	565.69	35	14	49	44	62	100,595
Belting, leather,	5	698,812	1,020,290	51,756	739.37	66	4	70	64	75	1,276,075
Blacking, stains, and dressings,	28	1,530,239	1,994,183	283,437	554.67	249	262	511	407	617	3,583,675
Bookbinding and blank-book making,	57	1,346,866	585,202	831,026	595.72	596	799	1,395	1,234	1,594	1,967,883
Boot and shoe cut stock and findings,	151	15,732,165	40,445,718	2,131,987	600.39	2,614	937	3,551	2,084	4,291	47,975,145
Boots and shoes,	145	40,417,468	44,740,298	17,826,129	654.43	16,326	10,913	27,239	22,269	31,823	77,141,296
Boots and shoes, rubber,	5	19,735,831	11,259,429	5,539,787	605.64	5,125	4,022	9,147	8,013	10,562	25,263,614
Boxes, fancy and paper,	42	2,366,307	2,337,616	1,110,729	483.56	829	1,468	2,297	1,996	2,629	4,862,599
Boxes, wooden packing,	10	1,405,146	1,300,391	438,169	663.89	590	70	660	609	723	2,225,969
Bread and other bakery products,	413	6,769,851	11,548,195	2,603,299	716.77	2,973	659	3,632	3,343	3,944	19,241,696
Brick and tile,	10	729,864	205,876	272,594	695.39	339	53	392	260	509	619,001
Canning and preserving,	26	1,487,871	2,502,393	345,534	543.29	383	253	636	489	823	3,394,711
Carriages and wagons, and materials,	41	702,586	367,144	410,026	836.79	489	1	490	402	572	1,025,005
Chemicals,	14	6,418,554	3,399,080	916,821	780.27	1,163	12	1,175	1,074	1,262	7,792,000

Cleansing and polishing preparations,	14	277,319	306,018	42,213	727.81	47	11	58	56	70
Clothing, men's,	171	8,563,848	10,332,142	3,229,897	669.13	2,496	2,331	4,527	3,619	5,748
Clothing, men's, buttonholes,	7	3,917	1,894	4,848	484.80	6	4	10	10	11
Clothing, women's,	179	4,113,457	6,829,065	2,500,940	585.83	1,182	3,092	4,274	3,277	5,659
Coffee and spice, roasting and grinding,	17	4,019,716	6,748,090	297,504	682.42	274	182	456	418	504
Confectionery and ice cream,	117	11,198,095	16,632,501	3,273,418	473.86	1984	5165	7119	5601	8706
Confectionery,	76	10,627,555	15,539,423	3,121,556	458.72	1,651	5,154	6,805	5,300	8,241
Ice cream,	41	570,540	1,083,078	251,860	802.10	303	11	314	211	455
Cooperage,	4	439,491	545,828	179,154	697.10	257	—	257	241	281
Copper, tin, and sheet-iron products,	91	4,330,054	3,511,778	1,442,369	704.28	1,921	127	2,048	1,710	2,537
Cotton goods,	9	4,754,848	2,057,058	850,799	827.14	900	714	1,614	1,394	1,905
Cutlery and tools, not elsewhere specified,	47	6,421,289	1,480,780	1,047,982	699.59	1,047	451	1,498	1,266	1,789
Dental goods,	7	120,223	617,204	31,192	693.16	36	9	45	43	48
Dyeing and finishing textiles,	18	4,897,007	3,870,870	1,016,832	555.24	1,458	373	1,831	1,561	2,110
Dye-stuffs and extracts,	12	837,057	988,098	59,665	755.25	79	—	79	66	88
Electrical machinery, apparatus, and sup- plies,	56	23,583,888	18,913,568	10,326,419	692.96	11,805	3,097	14,902	12,902	16,122
Electroplating,	28	93,660	48,072	107,011	798.59	133	1	134	117	186
Enameling and japanning,	3	28,981	12,448	17,574	675.92	26	—	26	21	29
Engraving and disinking,	12	48,160	27,843	46,762	792.58	51	8	59	56	65
Engraving, steel and copper plate, including plate printing,	16	372,320	218,519	290,837	761.35	230	182	382	342	432
Fancy articles, not elsewhere specified,	12	497,153	285,390	194,440	519.89	221	153	374	294	514
Felt goods,	5	1,305,990	698,667	186,907	575.10	231	94	325	248	406
Flavoring extracts,	11	477,558	444,425	33,804	497.12	29	39	68	62	78

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES — Continued.

INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Greatest Number		
						Males	Females	Both Sexes			
Metropolitan Boston — Continued.											
Food preparations,	27	\$1,327,470	\$2,049,930	\$257,761	\$631.77	312	96	408	314	567	\$3,872,275
Foundry and machine-shop products,	251	40,669,294	17,557,573	13,706,378	816.24	16,087	705	16,792	13,301	20,163	45,809,470
Fur goods,	13	438,648	372,967	165,444	934.71	91	86	177	92	239	842,748
Furnishing goods, men's,	12	663,693	969,563	153,380	447.17	60	283	343	296	427	1,531,454
Furniture,	60	4,438,307	2,888,674	1,808,749	710.15	2,208	249	2,547	2,054	2,973	6,684,186
Galvanizing,	3	19,098	21,152	8,964	896.40	10	—	10	9	11	45,137
Gas and electric fixtures,	9	133,669	128,394	64,988	878.22	74	—	74	66	80	258,464
Gas, illuminating and heating,	13	38,518,935	3,062,620	591,076	789.15	749	—	749	634	877	9,220,045
Glass, cutting, staining, and ornamenting,	22	114,877	54,373	109,904	779.46	136	5	141	114	164	254,186
Gold and silver, leaf and foil,	8	117,414	117,259	65,556	532.98	51	72	123	107	147	213,726
Grease and tallow,	8	634,329	923,285	140,968	753.84	186	1	187	179	198	1,350,324
Hand stamps and stencils and brands,	16	83,649	82,107	59,628	774.39	74	3	77	72	84	224,925
Hardware,	17	366,700	131,802	162,601	813.01	186	14	200	166	227	488,542
Hats and caps, other than felt, straw, and wool,	25	324,402	503,207	193,262	723.83	180	87	267	216	308	877,844
Hosiery and knit goods,	30	7,239,272	4,840,791	1,564,671	505.55	583	2,512	3,095	2,544	3,478	8,346,624
House-furnishing goods, not elsewhere speci- fied,	16	743,723	827,572	195,141	516.25	182	196	378	285	464	1,280,706
Instruments, professional and scientific,	18	1,162,319	370,093	391,688	683.57	530	43	573	443	676	1,247,373

Jewelry,	34	600,466	455,975	297,504	774.76	269	115	364	320	456	1,070,965
Jewelry and instrument cases,	6	591,943	275,395	165,728	391.79	126	297	433	308	577	771,183
Lasts,	13	611,402	286,103	301,745	951.88	312	5	317	249	420	951,815
Leather goods, not elsewhere specified,	22	305,933	408,308	103,367	554.55	99	84	153	122	226	674,664
Leather, tanned, curried, and finished,	40	14,992,642	15,917,532	2,505,402	699.05	3,461	123	3,584	2,833	4,339	22,552,000
Liquors, malt, ¹	17	14,378,449	2,813,265	1,593,767	1,022.76	1,261	14	1,265	1,103	1,364	9,490,468
Lithographing,	9	1,684,624	1,033,485	744,955	737.68	739	271	1,010	952	1,099	2,919,809
Looking-glass and picture frames,	23	186,613	182,097	97,868	776.73	123	3	126	115	140	395,610
Lumber, planing-mill products,	70	2,798,635	2,614,947	1,258,194	871.93	1,443	-	1,443	1,029	1,791	4,951,199
Marble and stone work,	39	2,248,587	717,160	732,062	879.88	832	-	832	596	1,067	1,891,634
Mattresses and spring beds,	28	912,736	1,469,412	350,133	638.93	429	119	543	472	618	2,402,760
Millinery and lace goods,	56	1,940,590	2,023,995	644,939	461.00	215	1,184	1,399	1,068	1,812	4,296,455
Mineral and soda waters,	45	955,336	642,565	143,345	760.74	195	-	195	138	276	1,453,378
Mirrors,	7	126,544	264,397	91,483	693.05	131	1	132	120	140	539,592
Models and patterns, not including paper patterns,	36	194,846	60,413	100,390	871.08	180	4	184	137	241	372,497
Monuments and tombstones,	117	1,442,698	640,545	776,369	835.83	877	-	877	478	1,187	2,382,642
Mucilage and paste,	10	525,868	967,078	47,941	760.97	50	13	63	58	74	1,202,015
Musical instruments and materials, not specified,	12	342,595	161,216	143,506	755.29	160	30	190	164	215	411,245
Musical instruments, pianos and organs, and materials,	25	8,400,193	2,642,095	1,315,455	781.85	2,172	150	2,322	1,945	2,612	5,899,164
Paints and varnishes,	23	3,271,839	3,308,578	841,086	709.28	435	53	487	422	533	5,843,953
Paper goods, not elsewhere specified,	16	425,931	192,593	87,641	415.36	56	155	211	135	261	429,130

¹ Includes five establishments under one management.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES — Concluded.

INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number		Smallest Number	Greatest Number		
						Males	Females				Both Sexes
Metropolitan Boston — Concluded.											
Patent medicines and compounds, and drug- gists' preparations,	67	\$4,378,072	\$3,739,644	\$624,165	\$559.79	528	587	1,115	891	1,307	\$7,799,558
Plumbers' supplies,	11	553,946	285,366	138,872	677.42	198	7	205	181	234	614,977
Printing and publishing,	376	15,976,602	9,309,320	6,318,974	864.78	5,760	1,547	7,307	6,671	7,974	24,122,070
Refrigerators,	8	173,397	134,317	77,806	827.72	94	—	94	60	115	314,816
Rubber goods, not elsewhere specified,	21	3,652,534	2,971,764	824,470	646.14	798	478	1,276	1,012	1,490	5,135,783
Saddlery and harness,	15	79,537	87,477	33,366	855.54	37	2	39	36	43	163,513
Sausage, not made in slaughtering and meat- packing establishments,	14	272,957	1,317,484	115,704	751.32	151	3	154	135	176	1,635,643
Screws, machine,	9	492,200	346,032	169,119	801.51	203	8	211	170	248	742,637
Shipbuilding, wooden, including boat build- ing,	26	982,081	854,031	581,500	879.73	661	—	661	400	940	1,845,558
Show cases,	8	72,877	73,650	43,483	925.17	47	—	47	46	59	153,084
Signs and advertising novelties,	14	264,295	198,562	149,400	545.26	144	130	274	232	330	523,641
Slaughtering and meat packing,	16	17,500,148	41,977,631	1,893,242	719.59	2,606	25	2,631	2,365	3,150	48,385,238
Soap,	19	3,526,837	3,910,927	326,701	566.21	361	216	577	436	729	6,645,096
Stationery goods, not elsewhere specified,	9	814,360	951,179	355,253	584.30	271	337	608	510	666	1,667,233
Statuary and art goods,	11	291,324	43,155	82,458	896.28	90	2	92	79	114	220,266

Steam fittings and steam and hot-water heating apparatus,	14	6,124,391	2,789,989	1,815,456	777.50	2,176	189	2,335	1,972	2,690	6,418,976
Steam packing,	7	138,125	139,443	45,703	774.63	59	-	59	47	68	303,723
Stereotyping and electrotyping,	8	230,368	119,874	196,687	983.44	195	5	200	186	212	453,344
Structural ironwork,	35	2,786,486	2,832,679	815,804	779.18	1,047	-	1,047	853	1,291	4,635,834
Surgical appliances,	10	142,205	101,966	87,942	651.22	67	66	133	119	144	290,826
Suspenders, garters, and elastic woven goods,	13	2,154,777	2,242,649	699,987	511.69	282	1,086	1,368	1,183	1,531	4,163,943
Tobacco manufactures,	92	3,653,547	2,754,481	2,243,055	875.51	2,054	508	3,562	2,134	2,859	6,543,017
Trunks and valises,	17	326,836	336,937	119,475	632.14	149	40	189	119	229	666,733
Watch and clock materials,	6	162,862	70,049	112,149	526.52	84	129	213	176	242	247,854
Window and door screens,	9	147,816	135,557	63,109	690.10	87	3	90	54	138	269,132
Window shades and fixtures,	8	94,051	268,970	30,062	589.45	35	16	51	41	74	371,780
Wirework, including wire rope and cable,	9	175,998	110,537	103,408	754.80	136	1	137	123	153	327,700
Wood, turned and carved,	9	159,775	46,514	34,818	552.67	62	1	63	43	77	118,269
Wooden goods, not elsewhere specified,	12	200,064	235,178	91,680	733.44	121	4	125	106	162	436,549
Woolen and worsted goods,	5	1,663,837	3,559,326	775,226	626.70	777	460	1,237	1,168	1,303	5,035,801
Other industries,	374	108,705,280	88,980,347	21,265,963	711.64	23,450	6,433	29,383	25,910	34,265	137,311,637

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.

D. METROPOLITAN BOSTON.

[Arranged in order of Product Value.]

CITIES AND TOWNS.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Greatest Number	Value of Product	
						Average Number			Smallest Number	Greatest Number			
						Average Number							
						Males	Females	Both Sexes					
METROPOLITAN BOSTON.													
BOSTON,	4,340	\$510,487,107	\$442,220,482	\$131,954,794	\$689.91	136,480	54,785	191,265	158,896	223,384	\$765,026,022		
LYNN,	2,603	226,988,796	202,096,149	59,241,245	700.46	58,496	26,079	84,575	70,234	99,471	353,493,371		
CAMBRIDGE,	409	48,680,620	58,176,416	19,890,065	705.75	20,065	8,118	28,183	22,958	32,622	104,085,648		
SOMERVILLE,	292	52,109,973	44,433,370	13,199,004	665.57	14,148	5,683	19,831	16,578	22,933	75,743,013		
CHELSEA,	118	24,138,590	45,460,597	3,918,385	701.97	5,251	331	5,582	4,998	6,496	56,812,948		
WATER-TOWN,	105	11,470,980	11,123,804	4,297,963	646.80	4,843	1,802	6,645	4,944	7,662	21,256,940		
EVERETT,	79	28,092,672	9,703,718	2,800,299	657.43	3,847	2,615	6,462	5,557	7,434	20,932,897		
QUINCY,	156	15,366,290	8,028,812	5,227,836	810.14	6,021	432	6,453	5,339	7,982	18,914,794		
WALTHAM,	76	24,287,091	4,876,393	4,882,320	670.65	4,835	2,445	7,280	6,061	8,459	17,751,802		
MALDEN,	70	13,098,662	5,083,609	2,205,800	581.54	2,095	1,698	3,793	3,207	4,551	11,487,093		
WOBURN,	49	11,156,605	7,094,703	1,479,197	691.54	2,032	107	2,139	1,801	2,528	11,272,913		
Weymouth,	33	5,955,825	6,289,669	1,370,810	702.62	1,373	578	1,951	1,663	2,171	9,730,976		
NEWTON,	45	4,691,842	4,368,622	1,598,945	651.04	1,845	611	2,456	2,166	2,729	7,846,429		
Winchester,	13	3,370,675	5,715,770	972,869	742.08	1,204	107	1,311	1,121	1,521	7,500,629		
Braintree,	18	4,064,279	4,171,476	1,369,299	622.13	1,646	555	2,201	2,003	2,415	6,760,230		
Wakefield,	24	5,834,532	3,640,440	1,421,323	606.37	1,428	916	2,344	1,997	2,641	6,744,096		
Canton,	15	3,085,500	2,606,542	586,262	622.36	816	126	942	797	1,085	4,597,182		
MELROSE,	23	3,408,453	1,888,892	629,295	536.94	560	612	1,172	1,000	1,308	3,382,135		
Stoneham,	21	1,766,039	1,954,955	564,266	570.54	629	360	989	721	1,250	3,232,019		

Mansford,	40	2,911,847	1,325,178	511,241	683.48	612	136	748	603	904	2,359,379
Needham,	22	3,083,016	1,389,797	531,075	583.12	344	559	903	773	1,028	2,731,716
Wellesley,	6	760,205	585,113	148,632	540.83	133	132	265	228	312	834,905
Ravena,	15	470,108	500,123	77,479	851.42	86	5	91	57	136	662,567
Arlington,	19	1,233,659	273,304	181,328	809.50	218	6	224	125	286	644,348
Lexington,	5	461,556	316,465	71,794	740.14	81	16	97	62	114	501,622
Brookline,	18	264,306	176,582	113,095	856.78	112	20	132	106	160	387,565
Dedham,	13	345,238	168,101	120,829	554.26	163	55	218	191	231	375,988
Belmont,	6	132,784	214,339	75,445	661.80	96	19	114	102	129	338,493
Hingham,	8	292,880	42,767	67,276	570.14	62	56	118	107	131	173,977
Milton,	4	85,659	70,435	27,978	595.28	30	17	47	31	59	173,235
Saugus,	7	42,773	115,771	22,468	548.73	34	7	41	33	60	142,941
Other towns, ¹	13	319,006	163,134	102,601	866.49	111	7	118	94	148	418,938

¹ Includes Cohasset, Dover, Hull, Nahant, Swampscott, Weston, Westwood, and Winthrop.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.

E. FOR 114 TOWNS: BY INDUSTRIES.

[For towns other than those given below, the figures cannot be presented without disclosing the operations of individual establishments.]

TOWNS AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Both Sexes					
						Males	Females				
Abington,	16	\$3,012,110	\$3,023,877	\$905,741	\$683.47	983	430	1,413	1,075	1,026	\$5,086,438
Acton,	12	1,846,347	1,273,217	300,822	783.39	379	5	384	273	523	1,865,822
Adams,	30	8,961,999	3,886,800	\$,900,448	569.86	\$,307	1,554	3,861	3,961	3,981	7,681,066
Bread and other bakery products,	7	51,740	88,124	12,546	738.00	17	-	17	17	19	135,068
Cotton goods,	4	7,084,220	2,713,209	1,858,067	572.06	1,879	1,369	3,248	3,111	3,319	5,737,347
Tobacco manufactures,	6	12,690	6,703	2,564	854.67	3	-	3	3	3	14,584
Other industries,	13	1,813,342	1,078,164	327,071	551.55	408	185	593	580	640	1,744,097
Agawam,	3	551,096	306,798	93,720	633.31	90	58	148	133	157	696,218
Amesbury,	51	4,607,868	4,680,354	1,980,788	714.84	\$,411	290	\$,701	1,997	3,446	8,992,013
Automobiles, including bodies and parts,	16	2,186,016	2,471,517	1,238,333	766.77	1,582	33	1,615	1,106	2,086	4,496,113
Bread and other bakery products,	3	12,305	36,731	7,504	750.40	10	-	10	8	11	51,592
Shipbuilding, wooden, including boat building,	4	42,189	27,286	13,023	766.06	17	-	17	11	23	49,542
Other industries,	28	2,366,868	2,144,700	671,926	634.49	802	237	1,059	802	1,326	3,694,766
Amherst,	19	1,302,632	723,453	204,112	607.48	193	143	336	176	517	1,194,132
Andover,	9	3,892,321	1,992,297	727,499	543.72	793	545	1,338	1,240	1,456	4,131,778
Arlington,	19	1,233,659	273,304	181,328	809.50	218	6	224	125	286	644,348
Ashburnham,	11	1,116,393	389,165	233,212	599.52	375	14	389	331	439	961,423
Ashland,	7	549,023	518,218	89,861	637.31	121	20	141	121	166	865,508

Lee,	17	2,001,517	1,589,119	598,760	626.96	698	287	955	895	1,021	2,671,903
Leicester,	10	2,766,890	1,660,779	587,267	661.34	574	314	898	786	1,032	3,401,549
Lexington,	5	461,556	316,465	71,794	740.14	81	16	97	62	114	501,622
Manchester,	6	75,135	33,090	25,084	836.13	29	1	30	24	47	79,685
Mansfield,	21	2,141,068	1,328,890	546,940	649.57	756	86	842	762	1,039	2,918,164
Marblehead,	26	849,889	797,694	508,932	651.45	498	308	806	618	964	1,419,006
Boots and shoes,	11	476,305	583,450	364,916	594.90	338	286	624	486	725	1,029,492
Shipbuilding, wooden, including boat building,	4	68,962	24,486	31,071	887.74	35	-	35	17	86	75,964
Other industries,	10	304,572	173,758	112,945	768.33	125	22	147	115	173	307,549
Medway,	7	423,350	476,980	222,065	565.14	222	172	394	271	504	706,570
Merrimac,	5	405,637	491,983	211,309	800.41	253	11	264	201	322	840,882
Methuen,	23	5,010,112	4,281,683	1,224,263	831.36	966	1,338	2,304	2,035	2,650	7,001,919
Middleborough,	24	4,520,400	4,439,159	1,233,079	673.45	1,262	569	1,831	1,585	2,007	6,834,891
Millford,	45	3,287,123	3,864,278	1,407,113	685.73	1,458	594	2,052	1,374	2,632	6,083,500
Millbury,	24	2,931,155	2,417,262	656,817	624.35	758	294	1,032	919	1,288	3,802,613
Milton,	4	85,559	70,435	27,978	595.28	30	17	47	31	59	173,235
Monson,	8	1,713,588	1,091,849	487,945	702.37	432	220	652	453	838	2,214,925
Montague,	18	3,911,780	1,843,382	841,224	639.24	870	446	1,316	1,178	1,425	3,545,159
Natick,	32	2,730,240	3,767,516	892,276	635.96	1,050	353	1,403	1,224	1,608	5,501,883
Needham,	22	3,055,016	1,589,797	531,076	588.19	344	569	908	773	1,088	4,731,716
Hosiery and knit goods,	8	2,339,444	1,014,144	423,324	585.51	203	520	723	640	793	1,983,699
Other industries,	14	723,572	375,653	107,751	568.62	141	39	180	133	235	748,017
North Andover,	9	1,915,407	3,045,227	1,118,103	701.01	1,329	266	1,595	1,424	1,743	4,677,610

X

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Continued.

E. FOR 114 TOWNS: BY INDUSTRIES — Continued.											
TOWNS AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number		Smallest Number	Greatest Number		
						Males	Females		Both Sexes		
North Attleborough,	.	61	\$5,955,945	\$2,581,686	\$721.50	1,579	724	2,303	1,750	2,851	\$5,769,678
Jewelry,	34	3,812,808	1,510,303	1,010,222	989	383	1,372	1,023	1,721	3,355,255
Other industries,	27	2,143,137	1,071,263	651,390	699.67	590	341	931	1,130	2,414,423
North Brookfield,	7	988,366	853,389	240,204	497.32	303	180	483	378	1,379,716
North Reading,	6	135,141	71,965	42,114	658.03	57	7	64	54	170,712
Northbridge,	13	7,062,587	3,747,461	2,966,106	713.86	3,544	611	4,155	4,000	9,090,766
Norton,	6	1,067,592	305,172	376,900	557.54	457	219	676	572	876,358
Norwood,	22	11,063,381	9,589,276	1,893,423	731.33	2,134	455	2,389	2,320	15,886,569
Orange,	17	2,933,510	1,003,756	698,780	687.10	800	217	1,017	908	2,625,227
Oxford,	10	1,584,678	1,338,006	446,676	589.28	509	249	758	730	2,192,227
Palmer,	20	4,068,056	3,974,854	1,525,135	581.00	1,782	843	2,025	2,455	7,052,426
Peabody,	81	26,969,893	\$1,017,488	5,038,375	691.70	6,776	509	7,884	6,042	\$9,516,985
Leather, tanned, curried, and finished,	38	21,777,838	16,497,190	3,938,965	717.09	5,408	85	5,493	6,095	24,889,569
Other industries,	43	5,182,055	4,520,238	1,099,410	613.85	1,367	424	1,791	1,539	7,427,366
Pepperell,	6	1,141,848	1,593,354	191,263	650.55	248	294	238	363	2,305,476
Plainville,	7	1,112,518	295,193	272,726	615.63	316	127	443	392	734,435
Plymouth,	25	15,296,377	13,172,697	1,743,890	581.68	2,397	601	2,998	975	17,277,361
Randolph,	9	812,159	934,732	303,940	757.96	265	136	401	285	1,478,135
Raynham,	10	170,840	178,280	38,567	514.23	52	23	75	66	276,162

Reading,	15	1,884,960	3,903,746	369,232	671.37	390	100	550	411	707	4,087,108
Rochester,	5	63,590	41,659	9,891	618.19	16	-	16	16	28	62,332
Rockland,	20	3,920,951	6,516,866	1,733,103	706.18	1,560	702	2,262	1,912	2,006	8,811,082
Rockport,	12	671,575	482,826	242,598	707.26	337	6	343	142	515	1,015,898
Rowley, .	7	283,680	328,274	79,842	502.15	119	40	159	113	193	514,945
Saugus, .	7	42,773	115,771	22,498	548.73	34	7	41	33	60	142,941
Shelburne,	7	81,398	73,486	28,511	647.93	37	7	44	33	53	126,041
South Hadley,	10	1,939,029	1,267,728	373,701	686.05	369	183	552	464	618	2,167,156
Southbridge,	32	10,232,450	5,520,934	2,968,557	587.60	3,386	1,649	5,035	4,500	5,410	12,059,895
Spencer, .	16	1,874,726	2,719,946	943,377	656.03	1,024	414	1,438	1,260	1,689	4,035,068
Stoneham,	21	1,766,039	1,954,955	564,266	570.54	629	360	969	721	1,250	3,232,019
Stoughton,	23	3,017,131	2,567,796	981,695	651.42	1,074	433	1,507	1,242	1,782	4,670,304
Templeton,	15	1,687,541	1,680,708	515,186	651.25	739	56	788	675	999	2,225,548
Furniture,	5	634,222	263,372	180,466	607.63	294	3	297	278	322	555,364
Other industries,	10	1,053,319	1,017,330	332,720	677.64	438	53	491	397	607	1,670,484
Townsend,	7	660,745	340,728	144,959	687.01	210	1	211	180	248	604,964
Uxbridge,	11	3,145,847	2,983,456	650,242	575.44	730	400	1,130	1,020	1,223	4,164,484
Wakefield,	24	5,534,532	3,640,440	1,421,323	606.37	1,428	916	2,344	1,907	2,941	6,744,096
Walpole, .	13	6,871,971	7,575,732	984,597	656.84	1,313	186	1,499	1,323	1,710	10,392,084
Ware,	17	2,131,009	2,630,905	1,208,023	512.74	1,230	1,126	2,356	2,106	2,479	4,530,735
Wareham,	13	1,409,539	749,692	481,386	600.65	656	41	697	685	774	1,560,519
Warren, .	7	2,247,342	1,582,806	664,999	547.20	765	432	1,197	1,122	1,278	2,935,007
Watertown,	15	12,573,446	9,985,436	4,248,340	637.43	3,847	2,615	6,462	5,567	7,484	20,932,897
Wellesley,	6	760,205	585,113	148,632	560.88	133	132	265	228	312	834,905
West Springfield,	17	8,024,209	3,765,549	2,107,975	901.61	1,961	377	2,338	2,068	2,740	8,117,269

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1916 — Concluded.
E. FOR 118 TOWNS: BY INDUSTRIES — Concluded.

TOWNS AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
West Stockbridge,	8	\$255,749	\$96,225	\$34,033	\$666.93	126	-	126	101	169	\$195,950
Westborough,	15	838,530	887,435	324,014	572.46	229	337	566	845	773	1,456,319
Westfield,	76	8,915,364	4,081,441	8,890,576	668.81	2,924	668	3,512	2,773	4,161	8,939,245
Bread and other bakery products,	9	33,655	75,767	16,966	706.92	20	4	24	21	27	127,707
Tobacco manufactures,	10	196,865	135,000	91,209	629.03	78	67	145	132	166	296,983
Whips,	16	2,362,646	943,676	453,599	511.96	604	282	886	819	965	2,351,314
Other industries,	40	6,320,188	2,876,398	1,728,802	703.62	2,272	235	2,457	1,801	3,003	6,163,391
Westminster,	5	64,735	70,293	16,704	538.84	31	-	31	30	43	101,220
Weymouth,	53	6,565,825	6,899,669	1,370,810	702.68	1,373	578	1,951	1,063	2,171	9,750,376
Boots and shoes,	6	3,590,765	2,932,271	973,028	695.02	947	453	1,400	1,252	1,479	5,180,603
Other industries,	27	2,375,060	3,337,398	397,782	721.93	426	125	551	411	692	4,560,373
Whitman,	19	3,528,693	4,160,653	1,187,332	685.13	1,233	500	1,733	1,438	1,921	6,262,576
Williamaburg,	10	443,419	497,792	168,040	571.56	246	43	294	250	337	697,176
Winchendon,	21	3,373,310	1,881,114	855,157	600.53	1,115	309	1,424	1,157	1,622	3,628,796
Winchester,	13	3,370,675	5,715,770	972,869	742.08	1,204	107	1,311	1,121	1,521	7,000,029
All other towns,	432	89,492,903	65,390,312	19,422,975	621.02	22,639	8,637	31,276	26,945	35,471	109,498,035
TOTAL FOR THE TOWNS,	2,558	\$458,693,478	\$339,845,698	\$111,100,841	\$648.50	185,877	47,043	178,980	148,900	197,713	\$576,378,165

TABLE II. CHARACTER OF OWNERSHIP FOR 19 SELECTED INDUSTRIES — 1916.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
All Industries,	9,329	632,621	\$447,957,731	\$3,249,933,063	\$995,439,991
Individual,	4,204	42,370	28,313,763	136,327,532	61,407,279
Corporation,	3,798	585,802	383,783,037	2,008,301,418	854,426,985
Other,	1,827	54,449	35,860,881	205,304,053	79,665,537
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	42.9	6.2	6.3	5.8	6.2
Corporation,	38.6	85.8	85.7	85.5	85.8
Other,	18.5	8.0	8.0	8.7	8.0
Automobiles, including bodies and parts,	74	4,357	\$3,514,778	\$11,515,977	\$5,768,349
Individual,	23	311	256,483	835,131	539,707
Corporation,	37	3,881	3,128,035	10,224,058	4,961,210
Other,	14	165	130,260	456,798	267,332
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	31.1	7.1	7.3	7.2	9.4
Corporation,	50.0	89.1	89.0	88.8	86.0
Other,	18.9	3.8	3.7	4.0	4.6
Boots and shoes, exclusive of out stock and findings,	457	84,051	\$57,134,891	\$269,363,099	\$199,299,638
Individual,	137	8,013	5,401,788	23,264,340	9,777,306
Corporation,	206	62,340	42,301,663	208,419,166	74,119,104
Other,	114	13,698	9,431,440	42,580,094	16,304,216
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	30.0	9.5	9.5	8.6	9.7
Corporation,	45.1	74.2	74.0	76.6	74.0
Other,	24.9	16.3	16.5	15.8	16.3
Boot and shoe cut stock and findings,	414	9,996	\$5,849,982	\$38,323,913	\$17,819,484
Individual,	195	2,656	1,530,574	15,770,119	4,252,563
Corporation,	101	4,673	2,820,723	44,683,273	8,105,779
Other,	118	2,576	1,498,685	27,875,521	5,452,142
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	47.1	26.8	26.2	17.9	24.0
Corporation,	24.4	47.2	48.2	50.6	45.3
Other,	28.5	26.0	25.6	31.5	30.7
Bread and other bakery products,	1,049	6,749	\$4,996,477	\$35,389,823	\$18,812,541
Individual,	798	2,369	1,917,026	13,269,479	4,999,278
Corporation,	86	3,364	2,217,421	16,443,893	6,982,712
Other,	165	1,016	775,030	5,676,451	1,881,550
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	76.1	35.1	39.0	37.5	36.0
Corporation,	8.2	49.8	45.2	46.5	50.4
Other,	15.7	15.1	15.8	16.0	13.6
Clothing, men's, including shirts,	215	7,479	\$4,539,877	\$34,014,316	\$19,351,338
Individual,	97	1,512	986,081	3,695,452	1,748,504
Corporation,	52	4,229	2,533,948	16,160,552	7,067,359
Other,	66	1,729	1,011,148	4,158,312	2,035,473
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	45.1	20.3	21.8	15.4	16.1
Corporation,	24.2	56.6	55.9	67.3	65.1
Other,	30.7	23.1	22.3	17.3	18.8

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Clothing, women's,	221	5,718	\$3,172,023	\$15,435,422	\$6,636,475
Individual,	88	1,387	767,335	3,521,507	1,589,778
Corporation,	55	2,340	1,252,425	5,833,503	2,520,466
Other,	78	1,991	1,152,263	6,080,412	2,526,231
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	39.8	24.3	24.2	22.8	23.9
Corporation,	24.9	40.9	39.5	37.8	38.0
Other,	35.3	34.8	36.3	39.4	38.1
Confectionery,	125	7,496	\$3,424,169	\$25,289,264	\$9,946,918
Individual,	49	483	231,938	1,403,745	605,870
Corporation,	51	6,696	3,089,586	23,477,773	8,119,767
Other,	25	228	102,687	807,746	280,281
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	39.2	6.5	6.8	5.5	6.7
Corporation,	40.8	90.4	90.2	91.4	90.2
Other,	20.0	3.1	3.0	3.1	3.1
Cotton goods, including cotton small wares,	193	116,196	\$62,073,943	\$275,484,046	\$116,531,275
Individual,	9	335	183,792	1,347,421	489,492
Corporation,	172	114,294	61,712,571	270,860,828	114,766,069
Other,	12	1,567	777,580	3,275,797	1,276,714
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	4.7	0.3	0.3	0.5	0.4
Corporation,	89.1	98.4	98.5	98.3	98.5
Other,	6.2	1.3	1.2	1.2	1.1
Cutlery and tools, not elsewhere specified,	145	8,923	\$6,906,389	\$25,923,722	\$13,640,944
Individual,	57	474	401,485	1,117,622	781,216
Corporation,	66	8,290	6,074,248	24,396,494	17,591,014
Other,	22	169	130,166	409,606	267,814
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	39.3	5.3	6.1	4.3	4.2
Corporation,	45.5	92.8	91.9	94.1	94.4
Other,	15.2	1.9	2.0	1.6	1.4
Electrical machinery, apparatus, and supplies,	88	22,355	\$16,623,376	\$65,289,513	\$35,112,965
Individual,	14	175	82,588	1,238,113	275,150
Corporation,	68	21,763	15,774,817	63,414,708	34,433,076
Other,	6	317	166,471	716,692	414,739
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	15.9	0.8	0.5	1.9	0.8
Corporation,	77.3	97.8	98.5	97.0	98.0
Other,	6.8	1.4	1.0	1.1	1.2
Foundry and machine-shop products,¹	806	65,091	\$51,963,798	\$175,876,112	\$104,336,869
Individual,	238	3,700	2,888,076	9,560,085	6,055,678
Corporation,	450	59,806	47,383,743	160,392,822	94,637,927
Other,	118	2,155	1,090,976	6,023,455	3,642,264
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	29.5	5.6	5.6	5.5	5.8
Corporation,	55.8	91.1	91.2	91.1	90.7
Other,	14.7	3.3	3.2	3.4	3.5

¹ Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and heating apparatus; and structural ironwork.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Furniture and refrigerators,	129	6,846	\$4,486,187	\$15,413,978	\$3,869,599
Individual,	40	544	372,579	1,228,820	704,395
Corporation,	57	5,431	3,482,051	12,137,050	6,984,102
Other,	32	871	551,557	2,048,108	1,118,063
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	31.0	8.0	8.5	8.0	8.0
Corporation,	44.2	79.3	79.0	78.7	79.3
Other,	24.8	12.7	12.5	13.3	12.7
Hosiery and knit goods,	59	11,413	\$6,919,908	\$25,344,489	\$11,432,625
Individual,	10	393	158,402	1,008,965	355,465
Corporation,	43	9,973	5,223,627	21,080,275	9,967,184
Other,	6	1,047	537,974	3,175,220	1,115,976
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	16.9	3.4	2.7	4.0	3.1
Corporation,	72.9	87.4	83.2	83.4	87.1
Other,	10.2	9.2	9.1	12.6	9.8
Jewelry,	155	5,896	\$4,646,983	\$17,414,459	\$7,879,525
Individual,	40	646	454,930	1,730,039	853,916
Corporation,	61	3,044	2,087,742	10,480,949	3,940,588
Other,	54	2,208	1,548,281	5,203,462	3,071,021
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	25.8	11.0	11.3	9.9	10.9
Corporation,	39.4	51.6	50.4	60.2	50.1
Other,	34.8	37.4	38.3	29.9	39.0
Leather, tanned, curried, and finished,	119	12,869	\$9,962,376	\$73,858,599	\$23,959,908
Individual,	34	1,325	917,699	4,084,081	1,855,032
Corporation,	57	9,690	6,855,219	60,029,996	19,107,080
Other,	28	1,853	1,279,458	9,744,482	2,937,494
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	28.6	10.3	10.2	5.5	7.8
Corporation,	47.9	75.3	75.7	81.3	79.7
Other,	23.5	14.4	14.1	13.2	12.5
Musical instruments, pianos and organs, and materials,	45	3,697	\$2,747,622	\$3,612,423	\$4,616,177
Individual,	10	77	61,903	278,197	111,358
Corporation,	31	3,567	2,641,154	8,176,183	4,424,374
Other,	4	53	43,965	168,043	79,945
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	22.2	2.1	2.3	3.2	2.4
Corporation,	68.9	96.5	96.1	95.0	95.9
Other,	8.9	1.4	1.6	1.8	1.7
Paper and wood pulp, . . .	85	14,126	\$9,512,236	\$79,497,858	\$29,962,224
Corporation,	73	12,581	8,588,327	62,574,301	26,097,181
Other, ¹	12	1,579	929,599	7,923,057	2,365,093
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Corporation,	85.9	88.8	90.2	88.8	91.9
Other,	14.1	11.2	9.8	11.2	8.1

¹ Two firms included in order to avoid disclosing the operations of individual establishments.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Concluded.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Slaughtering and meat packing, including sausage, . . .	81	3,008	\$2,636,107	\$45,029,179	\$3,972,909
Individual,	49	210	161,567	2,971,731	476,757
Corporation,	21	3,365	2,393,381	58,353,611	8,292,154
Other,	11	91	81,169	1,694,828	204,079
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	60.5	5.7	6.1	4.7	5.3
Corporation,	25.9	91.8	90.8	92.6	92.4
Other,	13.6	2.5	3.1	2.7	2.3
Woolen, worsted, and felt goods,	181	57,798	\$34,509,743	\$219,158,963	\$79,769,128
Individual,	23	1,675	1,067,644	5,639,797	2,687,198
Corporation,	135	52,272	31,557,875	189,284,592	71,038,410
Other,	23	3,851	2,364,229	15,234,600	6,034,520
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	12.7	2.9	3.1	2.7	3.1
Corporation,	74.6	90.4	90.2	90.1	90.2
Other,	12.7	6.7	6.7	7.2	6.7

TABLE III. WAGE-EARNERS.
AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1916.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
THE STATE.	682,621	682,689	672,549	682,689	682,584	677,529	675,586	672,388	675,964	677,233	699,158	706,778	713,454
Males,	475,901	462,090	468,415	474,331	474,988	471,537	471,076	470,741	473,768	472,124	480,939	492,135	498,725
Females,	206,720	200,619	204,135	207,858	207,636	206,292	204,510	202,117	202,136	205,109	208,219	213,600	214,729
Artificial Limbs.	28	21	23	28	25	28	28	21	20	20	21	23	28
Males,	20	19	20	20	21	20	20	19	18	18	19	20	20
Females,	2	2	3	3	2	2	2	2	2	2	2	3	2
Artificial Stone Products.	370	299	293	320	394	387	397	445	417	420	359	372	381
Males,	370	299	293	320	394	387	397	445	417	420	359	372	381
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Automobiles, including Bodies and Parts.	4,357	4,466	4,468	4,506	4,384	4,371	4,268	4,283	4,018	4,244	4,231	4,413	4,409
Males,	4,302	4,403	4,409	4,538	4,339	4,324	4,233	4,271	3,968	4,180	4,177	4,357	4,349
Females,	55	53	53	57	45	50	55	52	54	56	54	56	60
Awnings, Tents, and Sails.	258	248	263	315	414	439	539	469	369	510	297	268	258
Males,	228	154	164	203	263	309	338	299	241	205	203	179	169
Females,	124	96	99	112	152	130	191	170	126	105	94	89	89

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1916 — Continued.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Baskets, and Rattan and Willow Ware.													
Males,	148	161	163	151	186	160	141	147	148	149	168	160	167
Females,	127	132	132	112	113	129	120	123	128	129	134	140	146
	31	19	21	19	23	21	21	24	20	20	22	20	21
Beltting, Leather.													
Males,	1,800	1,749	1,768	1,748	1,770	1,771	1,760	1,735	1,794	1,813	1,889	1,873	2,011
Females,	1,717	1,675	1,694	1,678	1,700	1,693	1,671	1,656	1,710	1,719	1,730	1,771	1,904
	83	71	72	68	70	78	79	79	84	93	99	102	107
Billiard Tables and Materials.													
Males,	31	33	33	30	30	28	30	27	28	32	33	35	33
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Blacking, Stains, and Dressings.													
Males,	531	483	508	540	583	594	635	649	638	608	574	533	603
Females,	303	275	284	301	305	323	329	312	312	309	311	318	314
	273	208	222	239	258	271	296	337	324	297	263	270	294
Bookbinding and Blank-Book Making.													
Males,	3,041	2,833	2,932	2,979	2,999	3,035	3,105	3,131	3,110	3,068	3,073	3,080	3,076
Females,	1,592	1,496	1,571	1,542	1,580	1,594	1,632	1,613	1,596	1,593	1,637	1,611	1,634
	1,449	1,393	1,411	1,437	1,419	1,441	1,453	1,508	1,514	1,465	1,446	1,479	1,442
Boot and Shoe Cut Stock and Findings.													
Males,	9,906	9,902	10,069	10,165	10,188	10,135	9,833	9,555	9,474	9,535	9,475	10,303	10,399
Females,	7,003	7,048	7,167	7,149	7,109	7,090	6,901	6,771	6,883	6,469	6,727	7,271	7,809
	2,902	2,854	2,892	3,016	3,079	3,103	2,932	2,764	2,786	2,766	2,748	2,932	2,990

Boots and Shoes.		84,051	87,468	89,148	87,580	84,459	83,618	86,351	88,048	83,687	79,968	79,866	83,684	86,039
Males,		54,326	57,000	57,963	56,533	54,686	53,466	53,335	53,044	54,332	51,678	51,352	53,738	55,032
Females,		29,725	30,468	31,455	30,787	29,773	29,152	29,026	29,008	29,355	28,290	28,504	29,946	31,007
Boots and Shoes, Rubber.		10,705	9,670	9,670	10,018	10,576	10,485	10,837	10,751	10,575	10,879	11,484	11,847	12,183
Males,		6,334	5,755	5,733	5,982	6,244	6,162	6,331	6,234	6,061	6,544	6,757	7,016	7,174
Females,		4,371	3,915	3,938	4,036	4,132	4,323	4,496	4,517	4,515	4,335	4,667	4,831	4,949
Boxes, Cigar.		175	174	174	176	170	165	168	169	176	183	183	184	183
Males,		83	84	86	86	82	78	76	80	83	83	84	84	83
Females,		92	90	88	90	88	87	86	89	92	100	99	100	100
Boxes, Fancy and Paper.		4,598	4,287	4,284	4,410	4,496	4,517	4,544	4,619	4,643	4,689	4,840	4,946	4,988
Males,		1,684	1,582	1,613	1,632	1,661	1,662	1,690	1,729	1,696	1,677	1,727	1,772	1,767
Females,		2,914	2,645	2,711	2,778	2,835	2,855	2,854	2,890	2,953	3,012	3,113	3,184	3,166
Boxes, Wooden Packing.		3,682	3,611	3,648	3,725	3,664	3,631	3,638	3,690	3,485	3,514	3,570	3,710	3,764
Males,		3,341	3,335	3,375	3,438	3,380	3,349	3,312	3,284	3,207	3,240	3,292	3,422	3,488
Females,		281	276	273	287	284	282	286	286	278	274	278	288	296
Brass, Bronze, and Copper Products.		2,266	2,254	2,246	2,269	2,265	2,276	2,288	2,290	2,310	2,294	2,297	2,394	2,469
Males,		2,321	2,289	2,305	2,316	2,342	2,332	2,345	2,353	2,282	2,266	2,240	2,364	2,435
Females,		35	35	41	43	43	44	43	37	28	28	27	30	34
Bread and Other Bakery Products.		6,749	6,465	6,557	6,591	6,606	6,715	6,801	7,028	6,958	6,880	6,751	6,745	6,754
Males,		5,767	5,582	5,603	5,621	5,627	5,719	5,854	5,933	5,928	5,858	5,758	5,763	5,810
Females,		982	873	934	970	978	996	1,047	1,089	1,024	992	973	982	924

TABLE III. WAGE-EARNERS — Continued.
AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1916 — Continued.

INDUSTRIES AND SEX.		Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Brick and Tile.														
Males,	.	1,103	635	643	639	947	1,378	1,505	1,471	1,463	1,392	1,253	1,096	889
Females,	.	1,050	597	610	602	910	1,326	1,449	1,424	1,411	1,320	1,201	943	813
	.	53	38	33	37	37	50	56	47	42	72	57	83	76
Brooms.														
Males,	.	105	109	106	108	104	103	105	104	103	104	103	99	99
Females,	.	98	102	99	101	97	96	98	97	96	97	96	92	92
	.	7	7	7	7	7	7	7	7	7	7	7	7	7
Brushes.														
Males,	.	1,481	1,860	1,371	1,393	1,419	1,418	1,448	1,494	1,481	1,568	1,555	1,698	1,685
Females,	.	772	688	738	745	770	729	755	763	769	795	792	847	863
	.	709	572	633	648	649	689	691	731	712	763	763	821	822
Butter.														
Males,	.	46	46	46	46	46	46	47	47	48	48	47	46	46
Females,	.	46	46	46	46	46	46	47	47	48	48	47	46	46
	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Buttons.														
Males,	.	780	808	817	811	769	777	793	798	782	755	729	747	764
Females,	.	315	325	327	322	312	307	318	314	311	305	302	316	320
	.	465	483	490	489	457	470	475	484	471	450	427	431	444
Canning and Preserving.														
Males,	.	2,221	2,152	2,046	1,987	2,068	1,968	2,140	2,361	2,341	2,401	2,402	2,402	2,368
Females,	.	1,955	1,664	1,624	1,563	1,559	1,470	1,585	1,746	1,790	1,830	1,817	1,773	1,822
	.	536	488	422	429	479	516	555	615	551	571	585	629	576

Carpets and Rugs, Other than Bag.		4,551	4,816	4,788	4,698	4,908	4,554	4,380	4,345	4,519	4,379	4,476	4,518
Males,		2,331	2,808	2,777	2,749	2,871	2,654	2,574	2,544	2,528	2,518	2,546	2,607
Females,		2,020	2,008	1,991	1,947	1,934	1,900	1,806	1,799	1,931	1,861	1,930	1,906
Carpets, Bag.		85	55	67	78	94	98	91	101	98	87	91	92
Males,		72	46	59	68	80	76	75	84	79	71	76	77
Females,		13	9	8	10	14	16	16	17	19	16	15	15
Carriages and Bleds, Children's.		1,821	1,865	1,831	1,808	1,808	1,824	1,007	1,038	1,118	1,205	1,270	1,318
Males,		1,079	1,148	1,188	1,144	1,150	1,085	903	927	980	1,053	1,109	1,106
Females,		142	145	143	164	158	139	105	111	138	153	161	153
Carriages and Wagons, and Materials.		1,016	973	1,018	1,094	1,123	1,108	1,048	985	971	958	941	953
Males,		1,015	973	1,017	1,093	1,122	1,101	1,041	994	970	951	940	932
Females,		1	1	1	1	1	1	1	1	1	1	1	1
Cars and General Shop Construction and Repairs by Steam Railroad Companies.		6,159	6,182	6,181	6,045	5,981	5,944	5,969	6,156	6,270	6,331	6,377	6,418
Males,		6,143	6,167	6,105	6,030	5,964	5,906	5,903	6,137	6,251	6,313	6,368	6,399
Females,		17	15	16	15	17	18	17	19	19	18	19	19
Chemicals.		2,200	2,040	2,115	2,197	2,212	2,263	2,316	2,338	2,357	2,395	2,389	2,368
Males,		2,125	1,946	2,005	2,077	2,091	2,132	2,173	2,185	2,231	2,232	2,229	2,204
Females,		135	94	110	120	121	131	143	153	156	163	160	159
Cleaning and Polishing Preparations.		64	61	68	63	61	65	69	67	68	69	66	65
Males,		53	50	51	51	51	53	57	56	57	57	56	55
Females,		11	11	11	11	10	12	12	11	11	12	10	10

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1916 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	February	March	April	May	June	July	August	September	October	November	December
Cloth, Sponging and Refinishing.													
Males,	53	55	53	53	54	52	54	54	52	53	52	49	48
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Clothing, Men's.													
Males,	5,642	5,253	5,449	5,754	5,675	5,514	5,176	5,650	5,792	5,892	5,950	5,832	5,609
Females,	2,754	2,583	2,661	2,793	2,724	2,650	2,438	2,781	2,842	2,876	2,910	2,876	2,781
Females,	2,888	2,700	2,788	2,961	2,951	2,864	2,738	2,869	2,950	3,016	3,040	2,956	2,878
Clothing, Men's, Buttonholes.													
Males,	10	8	10	10	10	11	11	7	7	10	11	10	11
Females,	6	4	7	7	7	7	7	4	4	7	7	7	7
Females,	4	4	3	3	3	4	4	3	3	3	4	3	4
Clothing, Women's.													
Males,	5,718	5,297	5,881	6,150	6,396	6,359	6,003	5,311	5,315	6,013	5,865	5,761	5,360
Females,	1,390	1,275	1,417	1,509	1,543	1,490	1,400	1,274	1,424	1,531	1,356	1,295	1,139
Females,	4,328	4,022	4,464	4,641	4,853	4,869	4,603	4,037	3,891	4,482	4,509	4,466	4,221
Coffee and Spice, Roasting and Grinding.													
Males,	475	449	449	464	466	462	465	457	466	466	494	499	495
Females,	285	280	281	286	287	285	286	280	281	284	280	288	285
Females,	190	169	168	178	179	177	179	177	215	212	214	211	210
Coffins, Burial Cases, and Undertakers' Goods.													
Males,	314	317	321	323	329	312	314	301	297	297	307	311	323
Females,	277	281	284	286	291	275	278	266	265	263	270	276	288
Females,	37	36	37	37	38	37	36	35	32	34	37	35	35

Combs and Hairpins.		\$,001	\$,011	\$,009	\$,038	\$,184	\$,083	1,903	\$,080	\$,114	\$,109	\$,184	\$,009	\$,006
Males,		1,483	1,429	1,477	1,442	1,612	1,417	1,392	1,433	1,488	1,421	1,532	1,471	1,567
Females,		608	582	592	590	622	606	596	597	626	588	633	638	686
Confectionery.		7,408	6,825	6,854	7,083	6,983	6,704	6,376	6,470	7,319	7,979	8,669	8,355	8,693
Males,		1,915	1,833	1,844	1,855	1,796	1,721	1,635	1,681	1,831	2,012	2,212	2,236	2,201
Females,		5,491	4,992	5,010	5,198	5,127	4,983	4,891	4,789	5,488	5,967	6,357	6,199	6,492
Confectionery (Ice Cream).		498	316	386	340	441	545	645	740	731	633	454	376	349
Males,		470	297	307	321	420	522	614	699	695	601	432	353	328
Females,		28	18	19	19	21	23	31	41	36	32	22	23	21
Cooperage.		787	811	815	824	848	822	802	791	690	678	776	777	789
Males,		781	805	807	828	836	816	796	785	684	672	769	771	783
Females,		6	6	6	6	6	6	6	6	6	6	6	6	6
Copper, Tin, and Sheet-Iron Products.		\$,918	\$,704	\$,740	\$,709	\$,713	2,788	2,337	2,941	\$,980	\$,126	2,337	\$,120	\$,060
Males,		2,767	2,581	2,619	2,535	2,569	2,611	2,671	2,753	2,810	2,941	3,042	2,942	2,863
Females,		159	123	121	124	144	165	166	188	170	184	195	178	187
Cordage and Twine, and Jute Goods.		5,580	5,689	5,908	5,916	6,919	6,780	6,510	6,516	6,508	6,563	6,559	6,538	6,735
Males,		3,379	3,052	2,051	3,786	3,791	3,613	3,367	3,365	3,396	3,370	3,343	3,386	3,429
Females,		2,141	2,037	1,857	2,117	2,128	2,177	2,143	2,161	2,112	2,188	2,216	2,252	2,306
Corsets.		\$,806	\$,483	\$,492	\$,459	\$,495	\$,493	2,383	\$,324	\$,139	\$,191	1,093	1,079	1,744
Males,		279	263	301	309	321	301	299	283	269	279	236	235	235
Females,		1,926	2,130	2,161	2,180	2,174	2,161	2,084	2,002	1,860	1,912	1,457	1,444	1,509

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1916 — Continued.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Cotton Goods.													
Males,	114,826	114,859	115,024	115,530	115,086	114,709	114,395	113,966	113,037	113,680	115,066	116,502	116,806
Females,	61,572	61,935	62,196	62,279	61,900	61,510	61,275	60,728	60,676	60,732	61,283	62,157	62,087
	53,254	52,024	52,898	53,260	53,126	53,199	53,120	52,538	52,361	52,948	53,783	54,345	54,509
Cotton Small Wares.													
Males,	1,360	1,331	1,325	1,318	1,324	1,296	1,226	1,358	1,368	1,390	1,410	1,433	1,440
Females,	599	606	592	592	587	568	576	595	591	592	617	631	644
	761	725	733	726	737	728	750	763	777	798	793	802	796
Cutlery and Tools, not elsewhere Specified.													
Males,	8,933	8,364	8,688	9,022	8,934	8,806	8,867	8,907	8,961	8,575	8,959	9,381	9,626
Females,	7,955	7,509	7,763	8,049	7,969	7,858	7,892	7,937	7,938	7,906	7,963	8,353	8,560
	978	885	925	973	965	948	975	970	1,023	969	996	1,028	1,065
Dental Goods.													
Males,	45	47	47	46	46	46	46	46	44	44	44	43	45
Females,	36	38	38	37	37	37	37	37	35	35	35	34	36
	9	9	9	9	9	9	9	9	9	9	9	9	9
Dyeing and Finishing Textiles.													
Males,	14,685	14,498	14,246	14,696	15,089	14,850	14,385	14,740	14,437	14,791	14,535	14,985	15,579
Females,	11,800	11,758	11,472	11,759	12,032	11,461	11,551	11,846	11,654	11,913	11,734	11,958	12,445
	2,885	2,735	2,774	2,907	2,997	2,889	2,834	2,894	2,783	2,878	2,801	2,995	3,134
Dyestuffs and Extracts.													
Males,	173	187	193	196	191	182	169	165	166	157	162	162	163
Females,	171	186	192	194	190	182	168	164	155	156	158	157	158
	2	1	1	1	1	-	1	1	1	1	4	5	5

Electrical Machinery, Apparatus, and Supplies.		19,997	21,910	22,229	22,339	22,351	22,096	22,693	22,922	19,947	22,969	22,895	24,351
Males,		15,604	16,622	17,472	17,331	17,344	17,100	17,728	18,131	18,404	17,839	18,672	19,171
Females,		4,303	4,588	4,817	4,958	5,007	4,996	4,965	4,791	4,543	5,133	5,223	5,180
Electroplating.		268	257	241	267	263	266	258	248	270	264	263	235
Males,		228	229	233	248	253	255	247	239	258	271	279	273
Females,		8	8	8	9	11	11	9	9	12	13	14	12
Enameling and Japanning.		178	165	161	195	181	177	184	182	168	185	178	174
Males,		132	113	117	138	122	118	126	127	120	121	117	117
Females,		56	42	44	62	59	59	58	55	66	64	61	57
Engraving and Diecutting.		166	158	156	154	159	154	154	153	156	153	159	169
Males,		146	137	143	144	149	144	144	143	144	146	147	147
Females,		10	9	9	10	10	10	10	10	12	12	12	12
Engraving, Steel and Copper Plate, including Photo Engraving.		360	373	363	389	394	369	374	374	396	407	418	438
Males,		234	227	228	233	235	234	225	230	236	236	241	251
Females,		156	147	145	156	159	155	149	144	159	171	171	177
Envelopes.		2,149	2,063	2,108	2,191	2,179	2,179	2,163	2,105	2,109	2,164	2,201	2,204
Males,		718	678	689	722	713	728	739	733	723	733	737	733
Females,		1,431	1,375	1,413	1,469	1,460	1,451	1,419	1,372	1,387	1,431	1,464	1,471
Fancy Articles, not elsewhere Specified.		1,240	1,155	984	1,038	1,149	1,318	1,354	1,363	1,333	1,376	1,370	1,371
Males,		611	604	545	554	597	603	629	699	637	662	653	660
Females,		629	667	590	484	552	609	705	659	696	713	717	711

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1916 — Continued.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Felt Goods.													
Males,	967	808	858	924	1,005	924	927	926	975	906	1,011	1,066	1,070
Females,	835	719	751	812	884	816	805	805	854	885	870	919	924
	122	87	105	112	121	118	122	121	121	131	141	137	146
Firearms.													
Males,	6,445	3,958	4,754	5,181	5,558	5,543	5,917	6,125	6,503	7,075	8,015	8,850	10,881
Females,	5,911	3,707	4,420	4,805	4,966	5,126	5,452	5,030	5,787	6,453	7,392	8,043	9,274
	532	251	334	370	392	422	465	495	535	622	722	807	957
Flavoring Extracts.													
Males,	112	100	108	108	115	122	124	127	115	109	107	108	105
Females,	42	38	38	38	40	42	43	45	45	43	41	41	40
	70	62	64	68	75	80	81	82	70	66	66	67	63
Flour-mill and Gristmill Products.													
Males,	188	150	151	153	180	188	188	189	186	186	184	127	127
Females,	128	130	131	133	130	128	128	129	126	126	124	127	127
	-	-	-	-	-	-	-	-	-	-	-	-	-
Food Preparations.													
Males,	497	568	579	587	504	487	484	411	440	458	488	517	525
Females,	383	434	424	401	391	360	334	338	348	364	378	397	433
	114	134	145	126	113	97	90	88	92	88	104	120	153
Foundry and Machine-Shop Products.													
Males,	58,085	51,988	53,888	55,457	56,681	56,979	58,245	58,895	59,127	59,663	60,227	61,586	63,306
Females,	56,398	50,885	52,822	54,359	55,496	55,555	56,510	56,288	57,084	57,563	58,685	59,541	61,361
	1,627	983	1,006	1,078	1,273	1,424	1,735	1,933	2,068	2,081	1,942	2,045	1,945

Fur Goods.		161	168	188	106	135	167	173	179	198	216	239	248	286
Males,		93	80	68	62	82	89	94	96	102	104	116	116	116
Females,		88	78	54	44	53	68	79	83	94	111	123	136	121
Furnishing Goods, Men's.		585	401	449	458	551	546	499	516	537	644	573	608	601
Males,		123	100	101	112	133	142	134	146	133	123	117	114	116
Females,		402	301	348	370	401	404	365	370	394	422	455	492	485
Furniture.		6,726	6,804	6,713	6,261	6,798	6,678	6,443	6,367	6,543	6,694	6,349	7,080	7,063
Males,		5,942	5,896	5,969	6,066	6,030	5,905	5,637	5,632	5,900	5,919	6,029	6,170	6,158
Females,		783	708	744	785	768	773	806	735	743	775	890	960	874
Galvanizing.		10	9	9	10	10	10	10	10	10	10	11	11	11
Males,		10	9	9	10	10	10	10	10	10	10	11	11	11
Females,		-	-	-	-	-	-	-	-	-	-	-	-	-
Gas and Electric Fixtures.		140	138	148	140	151	145	138	133	134	180	133	144	149
Males,		136	126	140	138	149	140	123	124	128	126	127	138	142
Females,		4	2	2	2	2	3	4	4	6	4	5	6	7
Gas, Illuminating and Heating.		2,198	2,076	1,983	2,024	2,103	2,009	2,083	2,316	2,273	2,083	2,083	2,209	2,238
Males,		2,198	2,076	1,983	2,024	2,103	2,209	2,283	2,316	2,273	2,283	2,283	2,289	2,238
Females,		-	-	-	-	-	-	-	-	-	-	-	-	-
Glass, Cutting, Staining, and Ornamenting.		200	191	188	197	194	198	193	173	198	208	210	230	209
Males,		191	183	185	189	186	189	184	165	183	196	200	210	199
Females,		9	8	8	8	8	9	9	8	9	10	10	10	10

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1916 — Continued.

Industries and Sex.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Glue.													
Males,	628	683	687	680	705	708	677	686	638	674	746	736	762
Females,	517	518	513	517	526	517	503	474	470	512	541	544	559
	175	145	154	173	179	189	174	183	168	163	185	193	193
Gold and Silver, Leaf and Foll.													
Males,	157	154	141	119	110	127	128	136	130	139	149	165	161
Females,	88	89	80	80	44	83	83	56	87	89	61	66	67
	79	75	81	69	66	74	75	80	73	80	88	89	94
Gold and Silver, Reducing and Reclaiming, not from the Ore.													
Males,	18	19	17	17	18	19	19	19	19	17	19	20	20
Females,	18	19	17	17	18	19	19	19	19	17	19	20	20
	-	-	-	-	-	-	-	-	-	-	-	-	-
Grease and Tallow.													
Males,	598	577	587	587	589	594	594	599	599	599	613	610	616
Females,	594	573	583	583	585	588	590	596	596	596	610	607	613
	4	4	4	4	4	4	4	3	3	3	3	3	3
Hand Stamps and Stencils and Brands.													
Males,	117	115	116	116	118	117	116	116	115	117	119	121	123
Females,	101	100	101	100	102	101	100	100	99	100	102	104	106
	16	13	15	15	16	16	16	16	16	17	17	17	17
Hardware.													
Males,	1,463	1,451	1,447	1,476	1,153	1,283	1,367	1,474	1,553	1,547	1,606	1,568	1,590
Females,	1,333	1,348	1,343	1,373	1,084	1,183	1,246	1,368	1,437	1,400	1,421	1,390	1,398
	190	193	194	193	68	100	111	116	116	147	185	198	192

Hats and Caps, Other than Felt, Straw, and Wool.	283	292	270	281	279	287	277	275	283	307	299	282	273
Males,	190	178	184	188	192	194	189	182	194	206	201	197	184
Females,	92	84	86	93	87	91	88	93	94	101	98	91	89
Hats, Fur-Felt.	765	663	644	618	688	654	707	764	838	878	919	916	868
Males,	456	382	364	339	433	416	434	455	491	525	544	544	532
Females,	309	286	280	273	260	268	273	299	337	353	375	372	336
Hats, Straw.	1,911	3,131	3,197	3,087	3,803	1,448	1,049	838	1,173	1,170	1,386	1,364	1,438
Males,	698	963	1,026	1,000	932	549	464	412	488	545	575	554	534
Females,	1,213	2,138	2,171	2,078	1,871	893	585	440	685	625	651	810	1,398
Hosiery and Knit Goods.	11,415	10,889	11,060	11,458	11,387	11,313	11,403	10,716	11,170	11,469	11,863	12,003	11,908
Males,	3,254	3,206	3,319	3,248	3,334	3,223	3,227	2,983	3,100	3,236	3,363	3,399	3,431
Females,	8,159	7,684	7,871	8,210	8,253	8,090	8,176	7,733	8,010	8,223	8,505	8,604	8,577
House-Furnishing Goods, not elsewhere Specified.	463	367	345	377	394	430	419	498	437	463	494	497	467
Males,	213	191	174	187	200	223	214	211	218	222	221	248	241
Females,	210	176	171	190	194	206	205	215	219	236	213	249	226
Ice, Manufactured.	45	34	15	19	24	49	53	67	66	65	65	60	44
Males,	45 <td>34</td> <td>15</td> <td>19</td> <td>24</td> <td>46</td> <td>53</td> <td>67</td> <td>66</td> <td>65</td> <td>65</td> <td>60</td> <td>44</td>	34	15	19	24	46	53	67	66	65	65	60	44
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Instruments, Professional and Scientific.	574	463	491	530	548	578	636	638	624	639	638	568	613
Males,	531	431	453	496	523	539	580	571	574	586	576	522	500
Females,	43	31	28	34	35	39	46	61	50	53	53	44	43

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1916 — Continued.

Industries and Sex.	Average Number Em- ployed	January	February	March	April	May	June	July	August	September	October	November	December
Iron and Steel, Steel Works and Rolling Mills.													
Males,	3,546	3,829	3,461	3,545	3,557	3,545	3,407	3,576	3,445	3,589	3,574	3,514	3,906
Females,	98	108	112	92	85	93	96	91	93	96	104	102	105
Iron and Steel, Bolts, Nuts, Washers, and Rivets, not made in Steel Works or Rolling Mills.													
Males,	1,558	1,853	1,512	1,594	1,533	1,571	1,575	1,437	1,407	1,556	1,545	1,540	1,895
Females,	401	357	382	416	384	405	403	464	427	386	410	381	397
Iron and Steel Forgings.													
Males,	1,280	1,178	1,179	1,194	1,179	1,331	1,339	1,333	1,339	1,394	1,366	1,516	1,549
Females,	31	34	26	28	27	28	30	30	32	32	32	33	35
Iron and Steel, Nails and Spikes, Cut and Wrought, including Wire Nails, not made in Steel Works or Rolling Mills.													
Males,	1,638	1,649	1,638	1,661	1,663	1,473	1,439	1,437	1,523	1,518	1,440	1,610	1,633
Females,	383	418	413	406	391	375	368	372	371	364	361	375	361

Ivory, Shell, and Bone Work, not including Combs and Hairpins.	107	100	111	110	106	91	97	118	116	110	125	108	101
	75	71	76	74	70	63	69	85	84	77	83	76	74
	32	29	35	36	36	23	28	33	32	33	42	32	27
Jewelry.													
Males,	5,898	5,813	5,903	5,800	5,484	5,684	5,793	5,716	5,832	5,980	6,416	6,393	6,806
Females,	3,886	3,939	3,787	3,726	3,596	3,744	3,830	3,749	3,847	4,051	4,132	4,129	4,126
	2,012	1,874	1,516	1,534	1,898	1,940	1,963	1,967	2,005	2,209	2,283	2,259	2,080
Jewelry and Instrument Cases.													
Males,	493	561	562	404	458	463	473	495	584	560	598	614	638
Females,	144	113	111	126	130	133	143	141	153	157	163	171	174
	349	243	251	278	303	320	330	354	371	403	430	443	464
Labels and Tags.													
Males,	20	26	26	24	26	27	27	28	24	26	26	28	29
Females,	17	16	16	16	17	17	17	17	15	16	16	17	18
	9	9	10	8	9	10	10	11	9	10	10	11	11
Lamps and Reflectors.													
Males,	273	183	189	197	216	203	205	229	252	211	205	223	264
Females,	239	160	165	172	190	223	273	286	302	259	257	278	311
	39	23	24	25	26	30	33	43	49	53	48	50	53
Lasts.													
Males,	940	885	918	908	892	917	939	931	945	866	888	1,033	1,078
Females,	931	878	908	900	885	912	978	968	935	843	881	1,012	1,061
	9	7	10	8	7	5	11	13	13	8	7	11	12
Leather Goods, not elsewhere Specified.													
Males,	455	408	398	403	429	426	424	460	449	473	500	539	548
Females,	253	226	232	228	227	234	232	271	271	277	276	283	296
	197	180	166	178	192	191	192	188	178	196	224	245	246

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1916 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Leather, Tanned, Curried, and Finished.	12,868	11,943	12,082	12,042	12,146	12,269	12,541	12,847	13,029	13,372	13,667	13,972	14,448
Males,	12,482	11,725	11,842	11,784	11,878	11,955	12,178	12,423	12,550	12,874	13,144	13,432	13,918
Females,	386	218	240	258	268	314	363	424	479	498	523	540	535
Lime.	468	443	439	466	475	484	488	468	473	482	457	462	463
Males,	466	443	439	466	475	484	488	468	473	482	457	462	463
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Linen Goods.	1,356	1,437	1,381	1,411	1,443	1,438	1,313	1,273	1,227	1,227	1,357	1,404	1,367
Males,	619	645	631	635	633	633	581	581	575	563	627	663	645
Females,	737	792	750	776	790	795	732	697	652	664	730	741	722
Liquors, Distilled.	112	115	112	106	106	108	107	109	110	112	116	119	120
Males,	112	115	112	106	106	108	107	109	110	112	116	119	120
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Liquors, Malt.	2,163	2,036	2,042	2,090	2,086	2,165	2,237	2,272	2,280	2,238	2,198	2,168	2,166
Males,	2,149	2,025	2,031	2,047	2,071	2,151	2,223	2,258	2,265	2,223	2,183	2,147	2,151
Females,	14	11	11	13	15	14	14	14	15	15	15	15	15
Lithographing.	1,227	1,201	1,202	1,193	1,183	1,173	1,164	1,206	1,227	1,271	1,310	1,296	1,228
Males,	906	883	890	893	884	879	888	902	911	931	937	931	936
Females,	321	318	312	300	299	294	296	304	316	340	373	365	352

Looking-Glass and Picture Frames.		127	123	122	129	126	124	123	120	117	125	120	125	123	121	141
Males,		124	120	125	126	123	121	120	117	125	120	125	123	121	138	141
Females,		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Lumber and Timber Products.		891	1,080	1,018	1,024	918	881	816	765	788	781	791	781	791	781	781
Males,		885	1,014	1,035	1,027	937	876	809	749	781	774	784	774	784	774	774
Females,		6	6	7	7	5	5	6	6	7	7	7	7	7	7	7
Lumber, Planing-Mill Products.		2,916	2,831	2,811	2,808	2,823	2,877	2,883	2,876	2,821	2,876	2,887	2,887	2,887	2,887	2,887
Males,		2,913	2,830	2,809	2,866	2,832	2,875	2,887	2,875	2,821	2,875	2,887	2,887	2,887	2,887	2,887
Females,		2	2	2	-	-	2	2	-	-	-	2	2	2	2	2
Marble and Stone Work.		2,028	2,145	2,174	1,442	1,871	2,237	2,237	2,237	2,237	2,237	2,237	2,237	2,237	2,237	2,237
Males,		2,092	2,145	2,174	1,442	1,871	2,237	2,237	2,237	2,237	2,237	2,237	2,237	2,237	2,237	2,237
Females,		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mattresses and Spring Beds.		764	632	709	744	773	807	828	769	769	771	765	765	765	765	765
Males,		595	526	583	553	602	632	651	594	597	591	586	586	586	586	586
Females,		169	156	151	161	171	175	176	165	172	180	169	169	169	169	169
Millinery and Lace Goods.		1,610	1,536	1,703	1,701	1,778	1,830	1,833	1,490	1,490	1,617	1,617	1,617	1,617	1,617	1,617
Males,		263	264	281	281	297	261	284	247	246	273	268	268	268	268	268
Females,		1,347	1,532	1,481	1,500	1,479	1,569	1,516	1,243	1,243	1,344	1,344	1,344	1,344	1,344	1,344
Mineral and Soda Waters.		451	364	351	379	408	560	602	672	537	416	355	355	355	355	355
Males,		473	363	349	374	457	539	602	663	548	409	343	343	343	343	343
Females,		8	2	2	5	9	11	12	9	9	7	7	7	7	7	7

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1916 — Continued.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Minerals and Earths, Ground.	114	115	125	126	98	113	98	91	117	117	116	116	117
Males,	106	107	119	129	90	112	90	85	111	110	109	109	109
Females,	6	6	6	6	6	6	6	6	6	7	7	7	8
Mirrors.	122	129	125	126	127	122	120	129	125	127	122	125	127
Males,	121	128	124	125	126	121	120	128	124	126	127	124	126
Females,	1	1	1	1	1	1	1	1	1	1	1	1	1
Models and Patterns, not including Paper Patterns.	359	365	374	368	376	369	360	358	407	408	398	409	400
Males,	382	359	367	360	370	363	374	380	401	399	389	402	395
Females,	7	6	7	6	6	6	6	6	6	7	7	7	5
Monuments and Tombstones.	1,065	1,063	1,101	1,028	918	1,225	1,225	1,181	1,147	1,111	1,098	1,040	987
Males,	1,065	1,063	1,101	1,028	913	1,225	1,225	1,181	1,147	1,111	1,098	1,040	987
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Mutelage and Paste.	58	85	68	94	87	88	88	83	90	94	94	98	105
Males,	75	69	70	77	71	70	71	72	72	76	75	77	85
Females,	17	16	16	17	16	18	17	16	18	18	19	21	20
Musical Instruments and Materials, not Specified.	262	215	222	226	229	248	265	274	273	273	290	297	308
Males,	219	185	191	194	205	208	218	227	226	225	239	244	249
Females,	43	30	31	32	24	40	47	47	47	48	51	53	53

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1916 — Continued.

Industries and Sex.		Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Photo-Engraving.		533	577	583	580	581	589	586	579	577	578	585	577	572
Males,		350	347	351	348	347	354	350	344	345	346	354	347	340
Females,		32	30	32	32	34	35	36	35	32	32	31	30	32
Plumbers' Supplies.		556	597	612	599	571	597	597	591	591	577	594	611	613
Males,		543	564	574	553	539	532	537	531	536	528	531	547	551
Females,		43	33	38	41	32	35	30	30	35	49	63	64	61
Pocketbooks.		380	380	394	377	357	353	345	338	365	374	397	405	398
Males,		113	97	102	103	121	123	114	107	122	119	114	119	119
Females,		237	183	292	214	236	225	229	221	243	255	273	286	273
Pottery.		168	164	166	166	158	164	165	163	155	163	168	168	160
Males,		139	139	141	140	140	138	139	142	139	137	140	137	140
Females,		17	15	15	16	16	16	16	16	16	16	16	19	20
Printing and Publishing.		10,081	10,078	10,168	10,268	10,310	10,048	9,889	9,680	9,834	9,785	10,087	10,108	10,168
Males,		7,922	7,963	8,031	8,122	8,060	7,940	7,806	7,699	7,838	7,784	7,974	7,997	7,995
Females,		2,099	2,109	2,127	2,164	2,160	2,108	2,084	1,981	1,946	2,001	2,113	2,139	2,173
Refrigerators.		121	121	119	127	140	148	139	113	101	101	109	119	120
Males,		121	121	119	127	140	142	139	113	101	101	109	119	120
Females,		-	-	-	-	-	-	-	-	-	-	-	-	-

Rubber Goods, not elsewhere Specified.	6,474	5,228	6,024	6,154	5,975	5,516	5,948	6,347	7,101	7,193	7,365	7,401	6,370
Males,	5,452	4,934	5,056	5,172	4,992	4,542	4,903	5,203	6,033	6,118	6,256	6,390	5,833
Females,	1,022	948	968	982	983	974	1,025	1,024	1,068	1,075	1,109	1,111	1,037
Saddlery and Harness.													
Males,	178	172	153	156	172	173	172	174	174	184	185	179	178
Females,	172	167	175	185	168	169	167	169	167	177	176	172	173
	6	5	8	10	4	4	5	5	7	7	7	7	5
Sausage, not made in Slaughtering and Meat-Packing Establishments.													
Males,	262	269	268	268	266	261	273	265	281	285	299	308	319
Females,	237	296	295	296	284	279	276	281	279	283	290	291	298
	5	3	3	2	2	2	2	2	2	2	9	11	14
Screws, Machine.													
Males,	515	501	532	539	553	534	508	496	489	508	539	525	495
Females,	475	466	453	498	514	491	458	448	455	473	492	477	461
	40	35	39	41	44	43	44	38	34	35	47	46	34
Shipbuilding, Wooden, including Boat Building.													
Males,	877	645	712	826	1,006	1,064	1,099	971	908	795	728	808	858
Females,	877	646	712	825	1,006	1,064	1,095	971	908	795	782	806	853
	-	-	-	-	-	-	-	-	-	-	-	-	-
Shirts.													
Males,	1,228	1,202	1,244	1,260	1,245	1,230	1,235	1,795	1,693	1,231	1,237	1,296	1,283
Females,	372	388	384	385	387	378	368	365	352	359	360	371	374
	1,456	1,414	1,460	1,465	1,453	1,452	1,457	1,430	1,310	1,472	1,527	1,524	1,514
Shoddy, Wool.													
Males,	554	669	704	678	617	553	531	474	487	445	490	501	527
Females,	521	628	662	643	577	518	492	445	430	413	454	469	499
	33	41	43	35	40	34	29	29	27	29	26	32	23

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1916 — Continued.

INDUSTRIES AND SEX.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Show Cases.													
Males,	71	70	69	76	75	75	75	65	67	73	68	68	71
Females,	71	70	69	76	75	75	75	65	67	73	68	68	71
	-	-	-	-	-	-	-	-	-	-	-	-	-
Signs and Advertising Novelties.													
Males,	349	343	307	303	308	337	342	345	333	366	381	401	401
Females,	207	207	180	178	185	199	208	212	200	218	221	218	216
	142	136	127	125	123	128	134	133	133	148	160	183	183
Silk and Silk Goods, including Throwsters.													
Males,	4,182	4,142	4,225	4,472	4,389	4,297	4,330	3,704	3,876	4,103	4,199	4,223	4,174
Females,	1,245	1,252	1,276	1,335	1,305	1,284	1,255	1,142	1,173	1,236	1,228	1,239	1,224
	2,937	2,890	2,949	3,137	3,064	3,013	3,075	2,562	2,702	2,937	2,971	2,984	2,950
Silverware and Plated Ware.													
Males,	2,509	2,254	2,344	2,413	2,459	2,492	2,483	2,415	2,472	2,677	2,746	2,768	2,612
Females,	2,121	1,920	2,011	2,071	2,039	2,091	2,108	2,036	2,068	2,242	2,285	2,295	2,176
	388	314	333	342	370	371	375	379	374	435	461	471	434
Slaughtering and Meat Packing.													
Males,	3,374	3,616	3,536	3,403	3,164	3,111	3,141	3,162	3,141	3,171	3,344	3,076	4,012
Females,	3,348	3,598	3,517	3,382	3,143	3,089	3,115	3,124	3,112	3,141	3,311	3,541	3,980
	26	18	19	21	21	22	26	28	29	30	33	35	32
Soap.													
Males,	697	597	535	588	605	637	644	665	681	738	750	792	712
Females,	442	386	395	396	411	415	425	443	426	460	490	527	562
	225	181	190	192	194	222	219	222	255	278	260	265	210

Sporting and Athletic Goods.		1,712	1,469	1,578	1,592	1,745	1,789	1,716	1,644	1,385	1,484	1,607	1,683	1,698
Males,		1,209	1,165	1,191	1,209	1,383	1,324	1,213	1,100	1,073	1,209	1,256	1,255	1,240
Females,		403	314	387	383	437	555	503	464	312	375	351	368	388
Springs, Steel, Car and Carriage.		43	44	43	48	48	48	46	45	45	40	41	41	48
Males,		43	44	43	43	42	46	46	45	45	40	41	41	43
Females,		-	-	-	-	-	-	-	-	-	-	-	-	-
Stationary Goods, not elsewhere Specified.		9,367	9,161	9,453	9,468	9,369	9,331	9,339	9,409	9,411	9,495	9,403	9,481	9,468
Males,		980	930	954	960	985	994	1,001	1,017	986	1,020	1,001	997	1,022
Females,		1,378	1,231	1,509	1,293	1,314	1,337	1,338	1,392	1,425	1,466	1,502	1,494	1,436
Statuary and Art Goods.		94	87	97	108	86	101	100	91	89	94	88	93	91
Males,		92	85	95	101	84	90	98	89	87	92	91	91	89
Females,		2	2	2	2	2	2	2	2	2	2	2	2	2
Steam Fittings and Steam and Hot-Water Heating Apparatus.		3,539	3,073	3,831	3,395	3,481	3,510	3,544	3,516	3,634	3,533	4,038	4,166	4,838
Males,		3,468	2,939	3,097	3,258	3,268	3,360	3,375	3,328	3,501	3,548	3,839	3,942	4,006
Females,		171	134	134	137	133	150	170	188	183	185	199	214	226
Steam Packing.		75	70	88	86	84	84	79	77	72	68	64	68	78
Males,		75	70	88	86	84	84	79	77	72	68	64	68	72
Females,		-	-	-	-	-	-	-	-	-	-	-	-	-
Stereotyping and Electrotyping.		489	474	481	458	494	498	498	504	495	488	491	483	479
Males,		396	385	390	391	399	404	408	410	402	395	397	391	387
Females,		93	89	91	91	95	94	94	94	93	93	94	92	92

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1916 — Continued.

Industries and Sex.	Average Number Em- ployed	January	February	March	April	May	June	July	August	September	October	November	December
Stoves and Hot-Air Furnaces, not including Gas and Oil Stoves.													
Males,	1,592	1,484	1,539	1,539	1,500	1,488	1,557	1,568	1,581	1,598	1,539	1,601	1,616
Females,	1,560	1,432	1,537	1,537	1,498	1,486	1,535	1,564	1,579	1,596	1,637	1,659	1,614
	2	2	2	2	2	2	2	2	2	2	2	2	2
Structural Ironwork, not made in Steel Works or Rolling Mills.													
Males,	1,558	1,452	1,402	1,410	1,392	1,423	1,503	1,541	1,548	1,605	1,646	1,638	1,685
Females,	1,522	1,432	1,402	1,410	1,382	1,423	1,503	1,541	1,548	1,605	1,646	1,638	1,685
	-	-	-	-	-	-	-	-	-	-	-	-	-
Surgical Appliances.													
Males,	280	271	268	272	278	281	284	279	298	303	316	311	318
Females,	182	170	169	170	174	170	175	168	186	189	201	202	206
	108	101	99	102	104	111	109	111	110	114	115	109	106
Suspenders, Garters, and Elastic Woven Goods.													
Males,	2,839	2,158	2,157	2,237	2,214	2,171	2,157	2,125	2,168	2,201	2,109	2,118	2,244
Females,	1,144	1,143	1,159	1,165	1,178	1,145	1,146	1,137	1,125	1,132	1,135	1,141	1,115
	2,096	2,013	1,998	2,072	2,036	2,096	2,011	1,996	2,043	2,169	2,274	2,277	2,239
Tobacco Manufactures.													
Males,	2,685	2,543	2,516	2,508	2,539	2,455	2,540	2,716	2,739	2,785	2,729	2,798	2,805
Females,	2,725	2,647	2,502	2,434	2,400	2,636	2,781	2,841	2,848	2,860	2,871	2,909	2,909
	540	886	814	774	779	819	859	875	891	865	853	889	896

Toys and Games.		1,403	964	1,066	1,225	1,317	1,369	1,411	1,643	1,760	1,793	1,831	1,837	1,838
Males,	.	919	640	732	765	833	845	860	997	1,073	1,089	1,093	1,119	962
Females,	.	563	324	371	460	484	524	551	645	677	703	733	708	576
Trunks and Valises.		400	263	353	405	436	411	441	454	417	406	406	480	418
Males,	.	304	280	279	304	319	303	319	330	317	305	306	322	312
Females,	.	96	83	73	99	107	108	102	104	100	98	98	98	101
Type Founding and Printing Materials.		89	88	89	88	89	88	88	86	89	87	91	92	93
Males,	.	71	72	71	69	70	69	69	69	73	71	72	73	74
Females,	.	18	16	18	19	19	19	19	17	16	16	19	19	19
Upholstering Materials.		280	260	263	263	264	263	263	233	264	255	253	264	207
Males,	.	251	245	244	252	247	240	241	260	241	234	250	260	269
Females,	.	29	15	14	16	17	18	27	23	23	21	32	104	38
Vinegar and Oilier.		67	39	39	40	43	43	41	41	55	76	140	131	81
Males,	.	67 <th>39</th> <th>39</th> <th>40</th> <th>43</th> <th>43</th> <th>41</th> <th>41</th> <th>55</th> <th>76</th> <th>140</th> <th>131</th> <th>81</th>	39	39	40	43	43	41	41	55	76	140	131	81
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Waste.		1,065	1,116	1,109	1,063	939	1,081	1,069	1,043	1,049	1,033	936	994	1,308
Males,	.	696 <th>763</th> <th>763</th> <th>741</th> <th>634</th> <th>683</th> <th>723</th> <th>716</th> <th>711</th> <th>643</th> <th>556</th> <th>594</th> <th>793</th>	763	763	741	634	683	723	716	711	643	556	594	793
Females,	.	359 <th>353</th> <th>356</th> <th>352</th> <th>355</th> <th>343</th> <th>336</th> <th>336</th> <th>338</th> <th>375</th> <th>380</th> <th>400</th> <th>499</th>	353	356	352	355	343	336	336	338	375	380	400	499
Watch and Clock Materials.		213	134	128	202	207	208	204	213	211	224	223	232	233
Males,	.	84 <th>68</th> <th>73</th> <th>77</th> <th>83</th> <th>85</th> <th>85</th> <th>86</th> <th>87</th> <th>88</th> <th>85</th> <th>87</th> <th>88</th>	68	73	77	83	85	85	86	87	88	85	87	88
Females,	.	139 <th>116</th> <th>119</th> <th>125</th> <th>124</th> <th>123</th> <th>119</th> <th>127</th> <th>124</th> <th>136</th> <th>143</th> <th>145</th> <th>144</th>	116	119	125	124	123	119	127	124	136	143	145	144

TABLE III. WAGE-EARNERS — Concluded.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1916 — Concluded.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Whips.													
Males,	287	287	282	264	264	253	238	235	218	228	214	227	228
Females,	655	655	662	670	671	650	651	653	642	646	636	650	641
	282	282	270	284	268	294	287	282	276	282	278	277	287
Window and Door Screens.													
Males,	102	64	69	87	120	145	157	165	118	98	88	79	72
Females,	90	62	67	84	117	142	154	150	115	96	80	70	70
	3	2	2	3	3	3	3	3	3	2	2	2	2
Window Shades and Fictures.													
Males,	78	64	68	69	77	88	89	92	74	71	68	65	64
Females,	51	42	42	50	57	60	66	68	52	49	48	44	44
	21	22	20	19	20	22	23	24	22	22	20	19	20
Wire.													
Males,	4,019	4,088	4,088	4,109	3,848	3,903	3,845	3,733	3,788	3,870	4,149	4,407	4,380
Females,	3,910	3,989	3,976	4,002	3,727	3,768	3,728	3,628	3,678	3,767	4,043	4,280	4,274
	109	110	112	107	105	105	105	105	108	103	106	127	116
Wirework, including Wire Rope and Cable.													
Males,	2,118	2,059	2,103	2,168	2,180	2,131	2,076	2,068	2,044	2,060	2,118	2,178	2,261
Females,	1,672	1,664	1,688	1,731	1,708	1,702	1,638	1,588	1,592	1,619	1,668	1,605	1,775
	441	395	408	427	412	429	437	468	452	431	455	480	486
Wood, Turned and Carved.													
Males,	1,516	1,599	1,447	1,445	1,378	1,355	1,217	1,318	1,307	1,315	1,318	1,266	1,388
Females,	1,290	1,371	1,431	1,417	1,243	1,226	1,163	1,292	1,180	1,188	1,187	1,268	1,359
	28	28	24	28	30	29	24	26	27	27	25	27	27

Wooden Goods.		369	364	359	362	369	363	355	366	381	353	357	383	404
Males, .	.	384	333	336	340	360	355	343	365	369	338	344	365	386
Females, .	.	15	31	23	22	9	8	12	11	12	15	13	18	18
														18
Wool Scouring.		1,005	966	1,087	1,054	1,023	1,018	1,064	936	938	984	976	1,008	1,048
Males, .	.	961	918	987	994	982	974	978	943	938	937	931	965	991
Females, .	.	44	38	40	40	41	42	46	48	48	47	45	47	51
Woolen and Worsted Goods.		55,841	57,028	53,280	59,938	69,190	58,413	56,830	55,511	53,478	53,491	56,838	56,985	56,602
Males, .	.	33,925	34,120	35,020	35,070	35,426	34,837	34,004	33,244	31,996	31,737	33,263	33,816	33,580
Females, .	.	22,916	22,908	23,260	23,868	23,764	23,556	22,766	22,267	21,480	21,754	23,069	23,169	23,022
Other Industries.		48,197	40,266	40,843	42,249	48,814	48,113	41,364	41,988	48,590	48,801	48,155	43,144	43,672
Males, .	.	32,061	31,292	31,640	32,408	32,680	32,026	31,568	32,132	32,521	32,511	32,527	33,275	33,796
Females, .	.	10,136	8,974	9,218	9,838	10,134	10,087	9,806	9,850	10,069	10,290	9,628	9,869	9,876

TABLE IV. WAGE-EARNERS.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 16, 1916.
BY AGE AND SEX.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
THE STATE.	476,541	190,318	666,859	25,413	26,926	52,339	719,198
Artificial limbs,	20	2	22	-	-	-	22
Artificial stone products,	320	-	320	7	-	7	327
Automobiles, including bodies and parts,	4,243	65	4,308	105	2	107	4,415
Awnings, tents, and sails,	168	92	260	3	1	4	264
Baskets, and rattan and willow ware,	189	17	156	9	4	13	160
Belting, leather,	1,863	90	1,953	127	11	138	2,091
Billiard tables and materials,	33	-	33	-	-	-	23
Blacking, stains, and dressings,	300	215	515	18	72	90	605
Bookbinding and blank-book making,	1,480	1,241	2,721	174	183	357	3,078
Boot and shoe cut stock and findings,	6,870	2,712	9,582	688	398	1,086	10,668
Boots and shoes,	52,664	27,941	80,605	3,453	3,055	6,508	87,113
Boots and shoes, rubber,	6,894	4,534	11,428	298	455	748	12,176
Boxes, cigar,	81	88	169	3	12	15	184
Boxes, fancy and paper,	1,609	2,604	4,213	133	579	712	4,925
Boxes, wooden packing,	3,353	241	3,594	118	52	170	3,764
Brass, bronze and copper products,	2,387	39	2,426	33	6	39	2,465
Bread and other bakery products,	5,610	730	6,349	164	185	349	6,998
Brick and tile,	846	38	884	26	19	45	929
Brooms,	85	7	92	10	-	10	102
Brushes,	809	719	1,528	53	110	163	1,691
Butter,	46	-	46	-	-	-	46
Buttons,	377	333	610	39	116	155	765
Canning and preserving,	1,666	472	2,138	55	37	92	2,230
Carpets and rugs, other than rag,	2,234	1,651	3,885	381	246	627	4,512
Carpets, rag,	65	12	77	9	3	12	89
Carriages and sleds, children's,	1,230	139	1,369	57	26	83	1,452
Carriages and wagons, and materials,	924	1	925	13	-	13	938
Cars and general shop construction and repairs by steam railroad companies,	6,302	18	6,320	109	-	109	6,429
Chemicals,	2,300	131	2,431	45	31	76	2,507
Cleansing and polishing preparations,	53	8	61	2	5	7	68
Cloth sponging and refinishing,	52	-	52	-	-	-	52
Clothing, men's,	2,632	2,703	5,335	39	117	156	5,491
Clothing, men's, buttonholes,	4	3	7	3	1	4	11
Clothing, women's,	1,135	4,072	5,207	27	194	221	5,428
Coffee and spice, roasting and grinding,	280	198	478	6	10	16	494
Coffins, burial cases, and undertakers' goods,	265	32	297	24	4	28	325
Combs and hairpins,	1,439	485	1,924	134	156	290	2,214
Confectionery and ice cream,	3,454	5,306	7,760	158	1,315	1,377	9,137
Confectionery,	2,123	5,285	7,408	146	1,215	1,361	8,769
Ice cream,	331	21	352	6	-	6	358
Cooperage,	743	6	749	44	-	44	793
Copper, tin, and sheet-iron products,	3,677	133	3,810	153	27	180	2,990
Cordage and twine, and jute goods,	3,350	2,102	5,452	282	253	535	5,987
Corsets,	232	1,360	1,593	16	173	189	1,772
Cotton goods,	56,897	48,339	105,236	5,505	6,484	11,989	117,225

TABLE IV. WAGE-EARNERS — Continued.
 NUMBER OF WAGE-EARNERS EMPLOYED, ETC. — Continued.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Cotton small wares,	577	616	1,193	78	188	266	1,459
Cutlery and tools, not elsewhere specified,	8,308	897	9,205	505	167	672	9,877
Dental goods,	30	8	38	7	1	8	46
Dyeing and finishing textiles,	11,476	2,592	14,068	577	490	1,067	15,135
Dyestuffs and extracts,	152	4	156	2	1	3	159
Electrical machinery, apparatus, and supplies,	17,325	3,812	21,137	902	1,484	2,386	23,473
Electroplating,	256	10	266	16	2	18	284
Enameling and japanning,	103	53	156	14	7	21	177
Engraving and die-sinking,	134	11	145	16	1	17	162
Engraving, steel and copper plate, including plate printing,	223	144	367	27	22	49	416
Envelopes,	678	1,223	1,901	48	193	241	2,142
Fancy articles, not elsewhere speci- fied,	657	543	1,200	55	199	254	1,454
Felt goods,	904	130	1,034	37	15	52	1,086
Firearms,	9,145	939	10,084	135	—	135	10,219
Flavoring extracts,	41	69	110	1	5	6	116
Flour-mill and gristmill products,	141	—	141	—	—	—	141
Food preparations,	415	133	548	10	24	34	582
Foundry and machine-shop prod- ucts,	59,579	1,713	61,292	1,887	177	2,064	63,356
Fur goods,	113	119	232	2	3	5	237
Furnishing goods, men's,	111	408	519	12	72	84	603
Furniture,	5,963	757	6,720	375	80	455	7,175
Galvanizing,	11	—	11	—	—	—	11
Gas and electric fixtures,	132	6	138	13	1	14	152
Gas, illuminating and heating,	2,249	—	2,249	13	—	13	2,262
Glass, cutting, staining, and orna- menting,	186	10	196	18	—	18	214
Glue,	559	158	717	4	19	23	740
Gold and silver, leaf and foil,	59	81	140	10	12	22	162
Gold and silver, reducing and re- fining, not from the ore,	19	—	19	—	—	—	19
Grease and tallow,	611	3	614	3	—	3	617
Hand stamps and stencils and brands,	93	15	108	17	1	18	126
Hardware,	1,309	180	1,489	99	12	111	1,600
Hats and caps, other than felt, straw, and wool,	181	77	258	7	10	17	275
Hats, fur-felt,	549	354	903	20	13	33	941
Hats, straw,	785	1,710	2,495	36	49	85	2,580
Hosiery and knit goods,	3,130	7,585	10,715	323	1,082	1,385	12,100
House-furnishing goods, not else- where specified,	229	219	448	16	16	32	480
Ice, manufactured,	42	—	42	—	—	—	42
Instruments, professional and sci- entific,	509	43	552	21	6	27	579
Iron and steel, steel works and roll- ing mills,	3,834	106	3,940	14	—	14	3,954
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,	965	339	1,304	33	60	93	1,397
Iron and steel forgings,	1,256	26	1,282	56	9	65	1,347
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	1,180	264	1,444	67	95	162	1,606

TABLE IV. WAGE-EARNERS — Continued.
 NUMBER OF WAGE-EARNERS EMPLOYED, ETC. — Continued.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Ivory, shell, and bone work, not including combs and hairpins, . .	69	23	92	3	8	11	103
Jewelry,	3,919	1,821	5,740	230	235	465	6,195
Jewelry and instrument cases, . .	147	377	524	14	94	108	632
Labels and tags,	12	7	19	2	—	2	21
Lamps and reflectors,	289	42	331	32	8	40	371
Lasts,	985	10	995	60	1	61	1,056
Leather goods, not elsewhere specified,	277	230	507	25	18	43	550
Leather, tanned, curried, and fin- ished,	13,455	507	13,962	286	43	329	14,291
Lime,	443	—	443	—	—	—	443
Linen goods,	567	584	1,151	121	198	319	1,470
Liquors, distilled,	118	—	118	1	—	1	119
Liquors, malt,	2,143	15	2,157	—	—	—	2,157
Lithographing,	810	355	1,165	104	40	144	1,309
Looking-glass and picture frames, .	133	8	136	5	—	5	141
Lumber and timber products, . .	778	8	786	11	—	11	797
Lumber, planing-mill products, . .	2,841	—	2,841	74	—	74	2,915
Marble and stone work,	1,500	—	1,500	17	—	17	1,517
Mattresses and spring beds, . .	551	169	720	27	20	47	767
Millinery and lace goods,	271	1,309	1,580	37	178	215	1,795
Mineral and soda waters,	349	6	355	9	—	9	364
Minerals and earths, ground, . .	109	7	116	4	1	5	121
Mirrors,	120	1	121	9	—	9	130
Models and patterns, not including paper patterns,	392	5	397	18	1	19	416
Monuments and tombstones, . . .	953	—	953	11	—	11	964
Mucilage and paste,	81	19	100	4	1	5	105
Musical instruments and materials, not specified,	202	49	251	19	10	29	280
Musical instruments, pianos and organs, and materials,	3,481	224	3,705	210	83	293	3,998
Oil, not elsewhere specified, . . .	306	15	321	8	—	8	329
Paints and varnishes,	514	51	565	15	3	18	583
Paper and wood pulp,	10,375	3,596	13,971	135	232	367	14,338
Paper goods, not elsewhere speci- fied,	2,109	1,472	3,641	171	296	467	4,108
Patent medicines and compounds and druggists' preparations, . . .	665	593	1,258	60	122	182	1,440
Photographic apparatus and mate- rials,	18	9	27	1	2	3	30
Photo-engraving,	315	30	345	28	1	29	374
Plumbers' supplies,	533	46	579	25	17	42	621
Pocketbooks,	102	266	368	12	47	59	427
Pottery,	123	19	147	10	2	12	159
Printing and publishing,	7,520	2,065	9,585	547	136	683	10,268
Refrigerators,	121	—	121	—	—	—	121
Rubber goods, not elsewhere speci- fied,	6,515	1,010	7,525	63	80	143	7,668
Saddlery and harness,	178	4	182	—	1	1	183
Sausage, not made in slaughter- ing and meat-packing establish- ments,	293	15	308	7	—	7	315
Screws, machine,	398	21	419	63	14	77	496
Shipbuilding, wooden, including boat building,	804	—	804	20	—	20	824
Shirts,	384	1,426	1,790	9	107	116	1,906

TABLE IV. WAGE-EARNERS — Concluded.

NUMBER OF WAGE-EARNERS EMPLOYED, ETC. — Concluded.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Shoddy, wool,	485	29	514	1	-	1	515
Show cases,	70	-	70	2	-	2	72
Signs and advertising novelties, . .	196	170	366	13	8	21	386
Silk and silk goods, including throwsters,	1,115	2,651	3,766	131	444	575	4,341
Silverware and plated ware, . . .	2,165	406	2,571	106	62	168	2,739
Slaughtering and meat packing, . .	4,000	24	4,024	47	8	55	4,079
Soap,	485	152	637	19	62	81	718
Sporting and athletic goods, . . .	1,167	352	1,519	97	44	141	1,660
Springs, steel, car and carriage, . .	41	-	41	-	-	-	41
Stationery goods, not elsewhere specified,	969	1,135	2,094	59	302	361	2,455
Statuary and art goods,	90	2	92	1	1	2	94
Steam fittings and steam and hot- water heating apparatus,	3,946	186	4,132	86	13	99	4,231
Steam packing,	67	-	67	4	-	4	71
Stereotyping and electrotyping, . .	341	94	435	32	1	33	468
Stoves and hot-air furnaces, except gas and oil stoves,	1,589	2	1,591	37	-	37	1,628
Structural ironwork, not made in steel works or rolling mills, . . .	1,633	-	1,633	25	-	25	1,658
Surgical appliances,	209	100	309	6	9	15	324
Suspenders, garters, and elastic woven goods,	1,006	1,967	2,963	86	288	374	3,337
Tobacco manufactures,	2,576	885	3,761	45	17	62	3,823
Toys and games,	839	557	1,396	147	177	324	1,720
Trunks and valises,	277	80	357	24	23	47	404
Type founding and printing mate- rials,	72	19	91	1	-	1	92
Upholstering materials,	258	38	296	7	1	8	304
Vinegar and cider,	81	-	81	3	-	3	84
Waste,	651	401	1,052	7	12	19	1,071
Watch and clock materials,	74	110	184	13	35	48	232
Whips,	620	238	858	31	43	74	932
Window and door screens,	73	3	76	-	-	-	76
Window shades and fixtures, . . .	43	19	62	2	-	2	64
Wire,	4,504	85	4,589	77	30	107	4,696
Wirework, including wire rope and cable,	1,689	389	2,078	134	76	210	2,288
Wood, turned and carved,	1,309	26	1,335	152	2	154	1,489
Wooden goods,	362	18	380	23	2	25	405
Wool scouring,	991	46	1,037	16	5	21	1,058
Woolen and worsted goods,	32,281	20,419	52,700	2,386	3,107	5,493	58,193
All other industries,	32,416	9,080	41,496	1,108	1,462	2,570	44,066

TABLE V. WAGES.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916.

INDUSTRIES AND SEX.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		\$3		\$4		\$5		\$6		\$7		\$8		\$9		\$10		\$11		\$12		\$13		\$14		\$15		\$16		\$18		\$20		\$22		\$25		\$35 and Over																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		Un- der \$3	but over \$3	Un- der \$4	but over \$4	Un- der \$5	but over \$5	Un- der \$6	but over \$6	Un- der \$7	but over \$7	Un- der \$8	but over \$8	Un- der \$9	but over \$9	Un- der \$10	but over \$10	Un- der \$11	but over \$11	Un- der \$12	but over \$12	Un- der \$13	but over \$13	Un- der \$14	but over \$14	Un- der \$15	but over \$15	Un- der \$16	but over \$16	Un- der \$18	but over \$18	Un- der \$20	but over \$20	Un- der \$22	but over \$22	Un- der \$25	but over \$25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
THE STATE.	771,205	67	958	4,565	13,442	26,764	36,126	50,583	60,350	65,911	56,565	70,115	60,202	44,566	52,530	63,637	56,253	39,041	34,277	35,233																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Continued.

Industries and Sex.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		\$3		\$4		\$5		\$6		\$7		\$8		\$9		\$10		\$11		\$12	
		Under \$3	but \$3	Under \$4	but \$4	Under \$5	but \$5	Under \$6	but \$6	Under \$7	but \$7	Under \$8	but \$8	Under \$9	but \$9	Under \$10	but \$10	Under \$11	but \$11	Under \$12	but \$12
Bookbinding and Blank-Book Making.																					
Adults (18 years of age and over):	9,413	-	5	40	165	272	275	262	402	264	182	207	123	89	162	178	255	240	130	107	107
Males,	1,692	-	-	1	14	38	38	45	69	112	85	124	83	72	131	187	249	230	129	107	107
Females,	1,324	-	1	5	25	127	170	179	371	148	94	81	41	27	31	16	6	1	1	-	-
Young persons (under 18 years of age),	397	-	4	34	128	107	67	28	22	4	3	2	-	-	-	-	-	-	-	-	-
Boot and Shoe Cut Stock and Findings.																					
Adults (18 years of age and over):	12,012	1	47	115	349	855	995	885	1,048	1,076	603	1,063	871	639	897	981	663	390	312	247	247
Males,	7,761	-	7	8	32	106	138	304	497	629	411	889	750	634	842	863	665	376	306	244	244
Females,	3,183	-	14	30	148	436	563	425	466	413	183	178	116	51	53	56	28	14	6	3	3
Young persons (under 18 years of age),	1,068	1	26	77	169	313	235	96	79	34	9	16	5	4	2	2	-	-	-	-	-
Boots and Shoes.																					
Adults (18 years of age and over):	97,838	12	123	598	1,430	5,450	4,460	4,367	6,561	7,945	5,435	7,631	6,174	6,423	7,034	8,348	8,068	6,928	5,938	7,351	7,351
Males,	59,638	-	11	52	140	482	837	1,220	2,135	2,749	2,395	4,175	3,632	3,459	5,238	6,536	7,592	6,416	5,405	7,064	7,064
Females,	31,023	2	27	109	444	1,423	2,200	2,768	3,680	4,136	2,904	3,844	2,505	1,942	1,767	1,679	1,061	575	280	167	167
Young persons (under 18 years of age),	6,827	10	90	437	846	1,545	1,363	869	686	360	184	112	37	21	20	27	9	1	1	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Continued.

INDUSTRIES AND SEX.		Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
			Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
Bread and Other Bakery Products.			7,285	8	23	49	96	133	279	341	391	442	534	622	603	854	825	768	486	239	245
Adults (18 years of age and over):															✓						
Males,			5,996	-	-	1	4	26	20	93	182	296	278	782	449	491	821	820	767	485	239
Females,			931	-	-	12	45	88	171	200	163	129	54	34	13	11	3	5	1	1	-
Young persons (under 18 years of age),			358	8	23	36	46	69	88	48	16	17	2	4	-	1	-	-	-	-	-
Brick and Tile.			1,728	-	-	-	30	47	28	19	34	56	69	266	345	131	370	167	77	24	14
Adults (18 years of age and over):																					
Males,			1,606	-	-	-	-	5	4	6	27	54	68	291	343	131	370	167	77	24	14
Females,			52	-	-	-	-	36	5	8	-	-	3	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),			70	-	-	-	30	6	17	5	7	2	1	2	-	-	-	-	-	-	-
Brooms.			100	-	-	-	-	5	14	5	5	11	6	13	9	4	8	8	6	1	-
Adults (18 years of age and over):																					
Males,			82	-	-	-	-	-	7	4	2	8	6	12	9	4	8	8	5	1	-
Females,			7	-	-	-	-	2	2	-	1	1	-	1	-	-	-	-	-	-	-
Young persons (under 18 years of age),			11	-	-	-	-	3	5	1	-	2	-	-	-	-	-	-	-	-	-
Brushes.			1,714	-	-	-	41	96	161	140	260	142	109	149	97	68	79	143	130	50	45
Adults (18 years of age and over):																					
Males,			838	-	-	-	-	2	10	16	35	54	51	111	67	50	67	137	129	49	43
Females,			747	-	-	-	15	60	116	95	219	83	58	36	28	16	12	5	1	1	2
Young persons (under 18 years of age),			129	-	-	-	26	33	25	29	6	5	-	2	2	-	-	1	-	-	-

Butter.	48	-	-	5	5	1	2	3	5	4	3	4	2	4	6	4	4	2	-	1
Adults (18 years of age and over):																				
Males,	47	-	-	3	3	1	2	3	2	4	3	4	2	4	5	4	4	2	-	1
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Buttons.	810	-	1	15	51	94	163	84	74	41	50	49	30	31	23	25	30	15	9	26
Adults (18 years of age and over):																				
Males,	233	-	-	1	-	-	1	4	15	16	34	35	25	25	22	25	30	13	9	26
Females,	359	-	-	-	14	83	133	53	37	25	13	14	6	5	-	-	-	2	-	-
Young persons (under 18 years of age),	168	-	1	14	37	41	29	22	21	-	3	-	/	-	-	-	-	-	-	-
Canning and Preserving.	2,600	-	1	5	40	308	333	157	70	110	80	153	198	355	353	351	114	30	21	28
Adults (18 years of age and over):																				
Males,	1,929	-	-	1	8	28	75	88	44	86	76	130	195	354	351	351	114	39	21	28
Females,	665	-	-	2	23	223	256	67	26	30	3	3	1	1	-	-	-	-	-	-
Young persons (under 18 years of age),	96	-	1	2	9	57	17	2	-	4	1	-	2	-	1	-	-	-	-	-
Carpets and Rugs, other than Bag.	4,807	-	-	30	106	233	370	444	474	638	445	495	198	174	361	300	181	153	304	100
Adults (18 years of age and over):																				
Males,	2,437	-	-	-	1	13	53	101	180	273	224	255	139	135	230	197	180	152	204	100
Females,	1,723	-	-	-	20	69	223	240	256	333	216	226	56	39	31	3	1	-	-	-
Young persons (under 18 years of age),	647	-	-	30	174	156	94	93	88	30	15	14	3	-	-	-	-	-	-	-
Carpets, Bag.	109	-	-	3	5	12	9	10	3	9	4	9	10	13	7	6	3	3	-	-
Adults (18 years of age and over):																				
Males,	75	-	-	-	1	3	3	4	2	9	4	9	10	12	7	6	2	3	-	-
Females,	18	-	-	-	-	7	6	2	1	-	-	-	-	1	-	-	1	-	-	-
Young persons (under 18 years of age),	16	-	-	3	2	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Continued.

Industries and Sex.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un-der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 and over	\$25 and over	
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25	\$28	
Carriages and Bleds, Children's.	1,451	-	-	10	6	13	24	45	64	151	129	242	160	125	127	149	114	44	23	8	
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Males,	1,219	-	-	2	-	-	-	17	29	119	114	218	139	122	126	148	113	44	23	8	
Females,	143	-	-	3	1	9	15	14	20	24	9	21	21	3	1	1	1	-	-	-	
Young persons (under 18 years of age),	69	-	-	5	5	4	9	14	15	8	6	3	-	-	-	-	-	-	-	-	
Carriages and Wagons, and Materials.	1,165	-	-	2	5	8	9	14	25	39	25	134	128	47	168	148	203	116	63	25	
Adults (18 years of age and over):		-	-	1	2	3	6	9	23	39	25	134	128	47	166	148	203	116	63	25	
Males,	1,138	-	-	1	2	3	6	9	23	39	25	134	128	47	166	148	203	116	63	25	
Females,	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	16	-	-	1	1	5	2	5	2	-	-	-	-	-	-	-	-	-	-	-	
Cars and General Shop Construction and Repair by Steam Railroad Companies.	6,584	-	-	-	-	17	62	29	337	332	237	461	364	500	503	1,429	963	630	368	194	
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Males,	6,436	-	-	-	-	10	19	26	366	378	234	458	361	500	503	1,428	963	630	366	194	
Females,	19	-	-	-	-	-	-	1	15	3	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	69	-	-	-	-	7	43	2	6	1	3	3	3	-	-	1	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Continued.

Industries and Sex.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over	
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25		
Clothing, Women's.	7,146	-	36	134	288	530	681	834	812	668	416	474	240	247	275	223	282	266	275	415	
Adults (18 years of age and over):																					
Males,	1,744	-	-	2	5	14	19	39	36	76	25	73	45	68	120	149	213	226	255	379	
Females,	5,153	-	11	96	218	447	629	834	771	589	391	400	195	179	155	74	69	39	20	36	
Young persons (under 18 years of age),	249	-	25	36	65	69	33	11	5	3	-	1	-	-	-	-	-	1	-	-	
Coffee and Spice, Roasting and Grinding.	523	-	-	-	7	45	60	71	48	22	10	25	20	53	52	47	41	24	9	9	
Adults (18 years of age and over):																					
Males,	290	-	-	-	1	-	4	10	4	13	6	20	19	32	51	47	41	24	9	9	
Females,	215	-	-	-	1	39	53	59	43	9	3	5	1	1	1	-	-	-	-	-	
Young persons (under 18 years of age),	18	-	-	-	5	6	3	2	1	-	1	-	-	-	-	-	-	-	-	-	
Coffins, Burial Cases, and Undertakers' Goods.	324	-	1	4	4	7	10	23	26	29	24	40	29	31	26	35	13	16	8	9	
Adults (18 years of age and over):																					
Males,	270	-	-	1	1	1	2	2	17	21	22	40	29	31	23	34	13	16	8	9	
Females,	36	-	1	1	-	1	4	13	4	7	2	-	-	-	2	1	-	-	-	-	
Young persons (under 18 years of age),	28	-	-	2	3	5	4	8	5	1	-	-	-	-	-	-	-	-	-	-	

Combs and Hairpins.																			
Adults (18 years of age and over):																			
Males,	23	13	51	83	115	199	115	216	241	183	217	198	189	173	210	187	39	11	2,413
Females,	-	-	-	-	-	-	-	6	32	51	76	95	74	41	32	13	4	-	1,990
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	10	5	1	27	32	40	73	71	33	11	304
Confectionery.																			
Adults (18 years of age and over):																			
Males,	80	73	81	184	168	180	168	365	345	609	848	1,039	1,578	1,794	1,365	180	26	9	9,023
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,194
Young persons (under 18 years of age),	-	-	-	-	-	-	-	3	4	2	12	32	61	124	377	543	107	25	1,293
Confectionery (Ice Cream).																			
Adults (18 years of age and over):																			
Males,	13	13	48	113	84	111	111	165	80	56	5	36	12	18	9	4	-	1	750
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	687
Young persons (under 18 years of age),	-	-	-	-	-	-	-	1	2	-	2	3	1	1	3	4	-	1	45
Cooperage.																			
Adults (18 years of age and over):																			
Males,	9	19	38	57	65	54	54	105	145	84	80	55	37	37	14	13	7	-	863
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	811
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	1	3	5	7	10	9	12	7	12	54
Copper, Tin, and Sheet-Iron Products.																			
Adults (18 years of age and over):																			
Males,	238	286	187	278	305	209	209	305	278	187	206	216	149	170	71	27	9	1	3,466
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,217
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	171
Young persons (under 18 years of age),	-	-	-	-	-	1	1	-	1	-	6	12	37	50	37	23	9	1	178

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 but over	
Cordage and Twine; and Jute Goods.																					
Adults (18 years of age and over):	5,877	-	6	53	145	433	154	723	1,706	646	468	528	216	189	146	240	115	80	60	65	
Males,	3,219	-	-	-	1	13	25	179	1,185	359	207	219	164	103	132	232	115	80	50	65	
Females,	2,015	-	-	1	56	228	33	446	450	282	153	301	51	24	13	7	-	-	-	-	
Young persons (under 18 years of age),	643	-	6	32	88	192	96	98	71	35	12	8	1	2	1	1	-	-	-	-	
Corsets.																					
Adults (18 years of age and over):	2,532	-	2	15	66	254	422	334	493	319	197	127	64	36	47	31	40	31	25	29	
Males,	287	-	-	-	3	12	10	6	16	21	12	16	6	11	32	21	39	28	25	29	
Females,	1,985	-	-	-	13	170	352	295	459	291	182	111	58	25	15	10	1	3	-	-	
Young persons (under 18 years of age),	260	-	2	15	50	72	60	33	18	7	3	-	-	-	-	-	-	-	-	-	
Cotton Goods.																					
Adults (18 years of age and over):	118,985	12	65	726	2,019	4,055	7,487	10,921	13,812	16,466	13,820	13,859	9,159	7,908	5,458	6,528	4,164	1,792	1,067	1,143	
Males,	58,632	-	1	18	136	705	1,943	3,773	5,804	7,261	6,142	6,385	4,815	4,536	3,967	5,284	3,901	1,757	1,061	1,143	
Females,	48,853	5	7	65	498	1,518	3,357	5,258	6,478	8,188	7,191	6,602	4,238	2,674	1,465	1,038	260	35	6	-	
Young persons (under 18 years of age),	11,470	7	57	643	1,385	1,832	2,187	1,890	1,530	957	487	302	106	58	20	6	3	-	-	-	
Cotton Small Wares.																					
Adults (18 years of age and over):	1,538	-	18	59	101	169	168	149	133	153	164	114	40	55	74	62	34	29	13	23	
Males,	607	-	-	-	3	5	7	22	36	95	111	60	25	35	66	47	32	27	13	23	
Females,	663	-	1	8	26	91	113	122	89	55	53	53	15	20	8	5	2	2	-	-	
Young persons (under 18 years of age),	268	-	17	51	72	73	38	5	8	3	-	1	-	-	-	-	-	-	-	-	

Cutlery and Tools, not elsewhere Specified.	10,189	-	5	66	181	878	840	874	680	667	664	961	977	605	871	1,111	908	539	574	668
Adults (18 years of age and over):																				
Males,	8,529	-	1	6	24	50	58	191	356	360	326	897	945	500	868	1,106	963	539	574	556
Females,	923	-	-	4	18	76	163	288	151	141	19	33	21	4	2	1	1	-	-	1
Young persons (under 18 years of age),	677	-	2	56	79	146	119	95	73	57	9	21	11	1	1	4	2	-	-	1
Dental Goods.	42	-	-	-	5	2	1	7	-	2	1	1	3	3	2	1	5	3	2	4
Adults (18 years of age and over):																				
Males,	26	-	-	-	-	-	1	1	-	1	1	1	3	2	1	1	5	3	2	4
Females,	8	-	-	-	-	-	5	5	-	1	-	-	-	1	1	-	-	-	-	-
Young persons (under 18 years of age),	8	-	-	-	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Dyeing and Finishing Textiles.	15,587	-	-	85	167	449	887	1,041	2,538	2,457	1,981	1,557	908	636	519	673	471	861	178	461
Adults (18 years of age and over):																				
Males,	11,948	-	-	13	19	59	59	890	1,067	2,183	1,536	1,405	816	601	496	552	467	290	178	461
Females,	2,498	-	-	21	39	278	537	549	452	237	108	114	83	24	23	19	3	1	-	-
Young persons (under 18 years of age),	1,081	-	-	64	115	152	301	302	113	52	37	38	3	1	-	2	1	-	-	-
Dyestuffs and Extracts.	214	-	-	-	4	-	4	-	-	23	12	56	26	13	21	26	11	11	4	4
Adults (18 years of age and over):																				
Males,	206	-	-	-	-	-	-	-	-	23	12	56	26	13	21	25	11	11	4	4
Females,	4	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	4	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Electrical Machinery, Apparatus, and Supplies.	24,466	-	32	70	376	601	860	1,261	1,628	1,655	1,408	1,568	1,704	1,435	1,264	2,589	2,475	1,951	1,577	1,968
Adults (18 years of age and over):																				
Males,	18,034	-	1	-	59	71	117	218	501	605	905	1,077	1,487	1,312	1,213	2,406	2,404	1,915	1,572	1,901
Females,	4,031	-	3	4	103	225	467	639	665	574	420	406	176	92	62	55	37	16	3	4
Young persons (under 18 years of age),	2,400	-	28	66	213	305	276	384	432	386	173	83	41	19	19	38	34	-	2	1

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage Earn- ers	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																											
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over									
Electroplating.	325	-	2	-	4	13	12	14	13	15	9	28	13	14	23	34	74	23	23	16	18								
Adults (18 years of age and over):																													
Males,	294	-	-	-	1	6	7	8	9	14	7	27	13	14	23	34	74	23	23	16	18								
Females,	11	-	-	-	1	1	3	1	2	1	1	1	-	-	-	-	-	-	-	-	-								
Young persons (under 18 years of age),	20	-	2	-	2	6	2	5	2	-	1	-	-	-	-	-	-	-	-	-	-								
Enameling and Japanning.	231	-	-	4	6	28	18	21	16	35	12	21	15	5	8	13	5	5	2	7									
Adults (18 years of age and over):																													
Males,	128	-	-	-	1	1	6	4	2	31	7	19	14	4	7	13	5	5	2	7									
Females,	61	-	-	2	2	8	7	14	14	4	5	2	1	1	1	-	-	-	-	-									
Young persons (under 18 years of age),	32	-	-	2	3	19	5	3	-	-	-	-	-	-	-	-	-	-	-	-									
Engraving and Diecasting.	171	-	1	6	14	4	3	3	2	8	3	7	-	4	12	11	9	13	21	45									
Adults (18 years of age and over):																													
Males,	143	-	-	1	4	3	2	-	2	5	2	6	-	3	11	11	9	18	21	45									
Females,	11	-	-	-	6	-	-	1	-	2	-	1	-	-	1	-	-	-	-	-									
Young persons (under 18 years of age),	17	-	1	5	4	1	1	2	-	1	1	-	-	-	1	-	-	-	-	-									
Engraving, Steel and Copper Plate.	454	-	4	10	66	63	24	26	15	18	6	11	5	7	12	10	17	31	14	95									
Adults (18 years of age and over):																													
Males,	223	-	1	1	7	6	3	4	5	5	1	9	2	6	11	8	15	30	14	95									
Females,	157	-	-	4	26	46	19	22	10	13	5	2	3	1	1	2	2	1	-	-									
Young persons (under 18 years of age),	54	-	3	5	33	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-									

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage Earn- ers	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over		
		Un- der \$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25		
Glass, Cutting, Staining, and Ornamenting.	232	-	-	2	4	14	9	7	3	6	4	16	9	7	32	22	61	16	10	10	
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Males,	203	-	-	-	-	3	5	4	1	5	4	15	8	7	32	22	61	16	10	10	
Females,	10	-	-	-	-	4	1	2	2	1	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	19	-	-	2	4	7	3	1	-	-	-	1	1	-	-	-	-	-	-	-	
Glue.	777	-	-	2	6	79	46	16	51	125	64	80	86	53	80	53	51	12	11	2	
Adults (18 years of age and over):		-	-	-	-	-	5	2	21	117	64	79	36	53	74	82	31	12	11	2	
Males,	589	-	-	-	-	-	5	2	21	117	64	79	36	53	74	82	31	12	11	2	
Females,	173	-	-	2	4	73	35	13	30	8	-	1	-	-	6	1	-	-	-	-	
Young persons (under 18 years of age),	15	-	-	-	2	6	6	1	-	-	-	-	-	-	-	-	-	-	-	-	
Gold and Silver, Leaf and Foli.	167	-	1	9	7	15	20	19	14	16	7	6	2	-	4	8	7	6	10	16	
Adults (18 years of age and over):		-	-	-	-	-	-	1	-	5	1	4	1	-	3	7	7	6	9	16	
Males,	60	-	-	-	-	-	-	1	-	5	1	4	1	-	3	7	7	6	9	16	
Females,	91	-	1	9	6	11	16	13	14	10	5	2	1	-	1	1	-	-	1	-	
Young persons (under 18 years of age),	16	-	-	1	1	4	4	5	-	1	1	-	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over	
		Un-der \$3	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over	
Hats, Fur-Felt.																				
Adults (18 years of age and over):	389	-	9	12	47	80	65	79	82	68	74	61	51	49	51	100	45	30	28	
Males,	339	-	-	-	10	24	23	35	42	29	38	39	38	37	43	70	45	30	27	
Females,	339	-	1	2	14	51	36	44	40	39	36	22	13	11	8	21	-	-	1	
Young persons (under 18 years of age),	61	-	8	10	23	15	4	-	-	-	-	-	-	1	-	-	-	-	-	
Hats, Straw.																				
Adults (18 years of age and over):	3,265	-	5	11	27	54	73	157	247	221	242	209	255	354	242	237	242	145	131	
Males,	1,026	-	-	-	3	7	14	48	56	55	124	79	78	157	111	103	68	53	71	
Females,	2,194	4	11	20	40	55	135	180	153	194	117	130	177	226	235	184	180	93	60	
Young persons (under 18 years of age),	75	-	1	7	11	11	8	19	12	4	1	-	-	1	-	-	-	-	-	
Hosiery and Knit Goods.																				
Adults (18 years of age and over):	12,422	-	54	126	351	578	1,027	1,329	1,245	1,324	1,141	793	555	419	440	295	145	129	230	
Males,	3,208	-	-	-	10	11	53	135	111	511	322	228	236	266	288	322	259	140	127	
Females,	7,753	-	10	44	165	447	750	1,008	1,100	1,257	968	853	550	292	158	118	35	5	2	
Young persons (under 18 years of age),	1,461	-	44	81	176	218	224	188	170	175	104	60	12	7	3	-	1	-	-	
House-Furnishing Goods, not elsewhere Specified.																				
Adults (18 years of age and over):	511	-	23	9	51	52	70	39	42	51	61	22	9	49	9	15	9	12	10	
Males,	247	-	-	1	-	8	4	12	33	25	48	16	6	44	6	13	9	12	10	
Females,	220	-	-	4	40	43	62	27	8	6	13	6	3	5	3	-	-	-	-	
Young persons (under 18 years of age),	44	-	23	4	11	1	4	-	1	-	-	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over	
Iron and Steel Forgings.	1,480	-	-	-	6	5	23	23	52	95	38	208	571	19	135	103	122	72	65	33	
Adults (18 years of age and over):																					
Males,	1,337	-	-	-	-	-	1	1	33	92	34	204	366	17	135	102	122	72	65	93	
Females,	23	-	-	-	-	-	-	2	4	3	4	4	3	2	-	1	-	-	-	-	
Young persons (under 18 years of age),	70	-	-	-	6	5	22	20	15	-	-	-	2	-	-	-	-	-	-	-	
Iron and Steel, Nails and Spikes, including Wire Nails, not made in Steel Works or Rolling Mills.	1,579	-	2	32	21	71	130	69	114	142	158	240	126	47	76	73	60	52	61	105	
Adults (18 years of age and over):																					
Males,	1,142	-	-	1	3	1	8	16	59	99	137	228	119	46	74	73	60	52	61	105	
Females,	269	-	-	2	2	47	93	29	40	30	15	5	5	-	1	-	-	-	-	-	
Young persons (under 18 years of age),	168	-	2	29	16	23	29	24	15	13	6	7	2	1	1	-	-	-	-	-	
Ivory, Shell, and Bone Work, not including Combs and Hairpins.	187	-	-	13	3	4	10	4	6	13	5	18	15	7	13	9	4	2	-	1	
Adults (18 years of age and over):																					
Males,	78	-	-	-	-	-	-	-	3	4	4	17	14	7	13	9	4	2	-	1	
Females,	30	-	-	-	1	4	8	3	3	8	1	1	1	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	19	-	-	13	2	-	2	1	-	1	-	-	-	-	-	-	-	-	-	-	

	1,508	-	15	40	124	238	300	210	185	149	61	63	45	58	44	21	20	10	25
Linon Goods.																			
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	576	-	-	-	8	15	34	64	80	87	40	36	41	52	43	21	20	10	25
Females,	588	-	-	-	64	115	118	96	95	54	21	16	4	4	1	-	-	-	-
Young persons (under 18 years of age),	339	-	15	40	52	106	57	50	10	8	-	1	-	-	-	-	-	-	-
Liquors, Distilled.																			
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	151	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Females,	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Liquors, Malt.																			
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	2,800	-	-	-	-	3	4	8	2	-	12	27	8	153	445	809	572	200	239
Females,	2,275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lithographing.																			
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	1,324	-	1	24	167	103	91	76	72	95	63	54	30	55	60	80	70	86	176
Females,	831	-	-	-	39	12	17	23	32	50	68	39	23	53	55	80	69	86	176
Young persons (under 18 years of age),	235	-	-	-	6	71	60	55	33	44	13	15	7	3	4	-	1	-	-
Males,	148	-	1	18	57	31	19	10	7	1	2	-	-	-	1	-	-	-	-
Looking-Glass and Picture Frames.																			
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	140	-	-	4	2	5	6	2	2	7	11	8	6	14	16	31	24	1	1
Females,	132	-	-	-	1	5	5	2	2	7	11	8	6	12	16	31	24	1	1
Young persons (under 18 years of age),	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	5	-	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage Earners.	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		Un-der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over
Lumber and Timber Products.	1,193	-	2	-	1	7	9	4	32	121	56	267	213	83	190	59	73	40	22	14
Adults (18 years of age and over):																				
Males,	1,173	-	2	-	1	1	7	2	31	118	53	266	211	83	190	59	73	40	22	14
Females,	8	-	-	-	-	2	-	-	-	1	2	1	2	-	-	-	-	-	-	-
Young persons (under 18 years of age),	12	-	-	-	-	4	2	2	1	2	1	-	-	-	-	-	-	-	-	-
Lumber, Planing-Mill Products.	3,431	-	1	8	12	22	47	44	111	188	146	368	252	169	299	272	427	361	507	197
Adults (18 years of age and over):																				
Males,	3,350	-	-	1	-	4	23	33	107	185	145	368	252	169	299	272	427	361	507	197
Females,	3	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	78	-	1	7	12	18	21	11	4	3	1	-	-	-	-	-	-	-	-	-
Marble and Stone Work.	2,739	-	1	6	7	12	20	32	75	104	78	281	254	170	412	208	233	189	557	161
Adults (18 years of age and over):																				
Males,	2,774	-	-	2	2	9	16	29	72	103	77	280	254	170	412	208	233	189	557	161
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	25	-	1	3	5	3	4	3	3	1	1	1	-	-	-	-	-	-	-	-
Mattresses and Spring Beds.	860	-	1	7	11	41	51	60	76	78	68	108	64	49	57	38	66	36	13	39
Adults (18 years of age and over):																				
Males,	620	-	1	2	1	18	21	29	30	50	54	80	58	43	49	36	63	35	13	37
Females,	190	-	-	1	2	13	21	22	38	27	12	27	6	6	8	2	3	1	-	-
Young persons (under 18 years of age),	50	-	-	4	8	10	9	9	8	1	-	1	-	-	-	-	-	-	-	-

	53	98	117	223	318	374	393	177	73	109	45	67	98	69	58	90	16	40
Millinery and Lace Goods.																		
Adults (18 years of age and over):																		
Males,	263	-	2	11	8	13	10	26	3	26	9	15	46	18	31	17	5	24
Females,	1,499	1	12	55	147	194	281	147	70	82	36	52	50	41	21	13	11	16
Young persons (under 18 years of age),	298	32	84	60	65	26	11	2	5	1	-	-	-	-	-	-	-	-
Mineral and Soda Waters.																		
Adults (18 years of age and over):																		
Males,	723	3	4	13	19	11	21	23	16	114	77	62	106	85	41	23	7	9
Females,	668	-	-	4	6	7	16	21	16	113	76	62	105	85	41	23	7	9
Young persons (under 18 years of age),	39	3	3	7	8	2	2	6	6	-	1	-	1	-	-	-	-	-
Minerals and Earths, Ground.																		
Adults (18 years of age and over):																		
Males,	147	-	-	-	2	2	2	2	10	28	13	9	51	8	4	4	-	3
Females,	134	-	-	-	-	1	-	7	8	28	12	8	51	8	4	4	-	3
Young persons (under 18 years of age),	7	-	-	-	2	-	2	2	2	-	-	1	-	-	-	-	-	-
Mirrors.																		
Adults (18 years of age and over):																		
Males,	126	-	-	-	5	4	4	9	4	5	14	11	13	23	14	11	1	-
Females,	11	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),		-	1	5	4	1	-	-	-	-	-	-	-	-	-	-	-	-
Models and Patterns, not including Paper Patterns.																		
Adults (18 years of age and over):																		
Males,	433	1	9	9	25	10	23	10	9	13	9	3	33	25	63	57	137	36
Females,	449	-	1	3	17	8	20	10	9	18	9	8	31	25	61	57	136	36
Young persons (under 18 years of age),	8	-	-	1	1	-	3	-	-	-	-	-	1	-	2	-	-	-
Males,	25	1	1	8	7	2	-	-	-	-	-	-	-	-	-	-	1	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage Earn- ers	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over	
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
Monuments and Tombstones.	1,361	-	1	-	12	14	19	14	22	17	14	20	24	23	47	43	103	161	794	24
Adults (18 years of age and over):		-	-	-	8	11	13	12	21	17	14	20	24	23	47	43	103	161	794	24
Males,	1,344	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	17	-	1	-	4	3	6	2	1	-	-	-	-	-	-	-	-	-	-	-
Mucilage and Paste.	102	-	-	-	-	6	2	8	2	4	5	8	13	7	11	10	2	12	3	9
Adults (18 years of age and over):		-	-	-	-	-	-	-	1	1	5	8	13	7	10	10	2	12	3	9
Males,	81	-	-	-	-	-	-	-	-	1	5	8	13	7	10	10	2	12	3	9
Females,	17	-	-	-	-	3	2	8	-	3	-	-	-	-	1	-	-	-	-	-
Young persons (under 18 years of age),	4	-	-	-	-	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Musical Instruments and Mate- rials, not Specified.	308	-	1	7	9	25	15	27	20	22	21	23	11	7	22	17	32	17	18	11
Adults (18 years of age and over):		-	-	-	-	3	5	15	14	7	15	25	11	7	22	16	32	17	18	11
Males,	218	-	-	-	-	3	5	15	14	7	15	25	11	7	22	16	32	17	18	11
Females,	55	-	-	-	-	12	7	9	5	15	6	-	-	-	-	1	-	-	-	-
Young persons (under 18 years of age),	35	-	1	7	9	10	3	3	1	-	-	1	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Under \$3		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20
		but under \$3	but under \$4	but under \$5	but under \$6	but under \$7	but under \$8	but under \$9	but under \$10	but under \$11	but under \$12	but under \$13	but under \$14	but under \$15	but under \$16	but under \$17	but under \$18	but under \$19	but under \$20	but under \$21	but under \$22
Patent Medicines and Compounds and Druggists' Preparations.																					
Adults (18 years of age and over):	1,680	-	1	21	102	242	222	166	136	143	60	155	80	65	85	71	52	52	23	48	
Males,	737	-	-	-	2	8	23	54	60	64	25	116	37	45	72	65	49	51	21	45	
Females,	746	-	-	-	38	162	163	110	74	78	31	39	13	10	13	6	3	1	2	3	
Young persons (under 18 years of age),	197	-	1	21	62	72	36	2	2	1	-	-	-	-	-	-	-	-	-	-	
Photographic Apparatus and Materials.																					
Adults (18 years of age and over):	55	-	-	-	-	-	9	2	1	2	-	6	2	-	4	2	3	2	1	1	
Males,	20	-	-	-	-	-	-	-	-	-	-	5	2	-	-	4	2	3	2	1	
Females,	12	-	-	-	-	-	7	2	1	2	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	3	-	-	-	-	-	2	-	-	-	-	1	-	-	-	-	-	-	-	-	
Photo-Engraving.																					
Adults (18 years of age and over):	418	-	2	2	15	16	20	18	8	22	7	17	5	7	15	15	32	28	30	159	
Males,	354	-	-	-	3	5	9	11	5	13	6	16	5	6	10	13	32	27	29	159	
Females,	36	-	-	1	9	-	3	4	3	4	1	1	-	1	5	2	-	1	1	-	
Young persons (under 18 years of age),	28	-	2	1	3	11	8	3	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Under \$3		\$3 but under \$4		\$4 but under \$5		\$5 but under \$6		\$6 but under \$7		\$7 but under \$8		\$8 but under \$9		\$9 but under \$10		\$10 but under \$11		\$11 but under \$12	
		\$3	\$4	\$3	\$4	\$5	\$6	\$5	\$6	\$7	\$8	\$7	\$8	\$9	\$10	\$9	\$10	\$11	\$12	\$11	\$12
Signs and Advertising Novelties.	415	-	-	-	-	27	19	20	45	50	58	17	5	16	18	8	27	16	36	20	26
Adults (18 years of age and over):																					
Males,	215	-	-	-	-	-	-	4	4	4	7	9	3	13	15	6	27	16	36	20	26
Females,	178	-	-	26	16	9	36	44	31	6	2	3	2	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	20	-	-	1	3	7	5	2	-	2	-	-	-	-	-	-	-	-	-	-	-
Silk and Silk Goods, including Throwsters.	4,508	-	7	89	179	229	318	383	498	413	450	400	357	277	472	212	119	78	60	58	58
Adults (18 years of age and over):																					
Males,	1,175	-	-	-	18	18	11	33	47	56	125	80	63	76	222	152	108	75	60	31	31
Females,	2,707	-	1	-	32	97	180	277	377	322	307	319	273	199	249	59	11	3	-	-	-
Young persons (under 18 years of age),	621	-	6	39	129	114	127	73	74	35	18	1	1	2	1	1	1	-	-	-	-
Silverware and Plated Ware.	2,717	-	8	30	34	101	168	119	146	147	107	145	175	117	251	297	323	200	186	173	173
Adults (18 years of age and over):																					
Males,	2,194	-	3	8	18	37	30	87	104	78	130	170	170	113	245	294	318	200	186	173	173
Females,	371	-	1	11	35	91	70	58	42	28	14	5	4	5	3	4	-	-	-	-	-
Young persons (under 18 years of age),	152	-	8	26	15	48	30	19	1	1	1	1	-	✓	1	-	1	-	-	-	-
Slaughtering and Meat-Packing.	4,162	-	-	-	1	9	36	13	28	48	36	132	1,630	474	506	553	293	187	172	114	114
Adults (18 years of age and over):																					
Males,	4,059	-	-	-	-	-	1	3	11	33	27	130	1,527	473	565	553	293	157	172	114	114
Females,	27	-	-	-	-	-	-	23	3	1	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	76	-	-	-	1	9	12	7	16	15	9	2	3	1	1	-	-	-	-	-	-

	765	-	-	5	18	57	44	54	48	70	57	68	104	56	47	53	30	83	17	81
Soap.																				
Adults (18 years of age and over):																				
Males,	502	-	-	-	3	-	7	10	12	28	42	54	90	54	47	56	30	22	17	21
Females,	181	-	-	5	7	38	24	27	21	23	12	14	5	2	-	2	-	1	-	-
Young persons (under 18 years of age),	82	-	-	-	2	19	13	17	9	19	3	-	-	-	-	-	-	-	-	-
Sporting and Athletic Goods.																				
Adults (18 years of age and over):	1,860	-	1	8	20	79	88	68	119	189	88	174	811	108	180	140	115	158	100	79
Males,	1,211	-	-	-	-	5	6	11	33	92	46	127	165	76	101	117	103	150	100	79
Females,	491	-	1	1	15	51	53	41	66	84	27	37	40	23	23	16	9	4	-	-
Young persons (under 18 years of age),	158	-	-	1	5	23	23	16	20	13	15	10	6	7	5	7	3	4	-	-
Springs, Steel, Car and Carriage.																				
Adults (18 years of age and over):	50	-	-	-	-	-	-	-	3	1	3	6	3	3	4	4	10	7	5	4
Males,	50	-	-	-	-	-	-	-	3	1	3	6	3	2	4	4	10	7	3	4
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stationary Goods, not elsewhere Specified.																				
Adults (18 years of age and over):	2,489	-	2	25	164	275	280	278	263	128	139	167	113	88	53	121	101	89	68	89
Males,	907	-	-	5	5	8	26	27	87	69	61	84	77	49	75	107	93	83	62	66
Females,	1,302	-	1	6	81	138	204	236	169	97	48	80	36	35	18	14	6	6	-	-
Young persons (under 18 years of age),	340	-	1	14	98	79	60	25	27	16	10	3	1	4	-	-	2	-	-	-
Seamary and Art Goods.																				
Adults (18 years of age and over):	121	-	-	-	-	1	1	-	1	11	5	17	9	10	8	6	9	9	8	33
Males,	117	-	-	-	-	-	-	-	1	10	4	17	2	10	8	6	9	9	8	33
Females,	2	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	2	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Continued.

[illegible]

Stores and Hot-Air Furnaces, not including Gas and Oil Stoves.	1,706	-	-	10	3	6	5	6	38	63	18	200	151	47	140	97	141	164	149	477
Adults (18 years of age and over):																				
Males,	1,677	-	-	4	-	4	-	4	33	60	18	199	150	47	140	97	141	154	149	477
Females,	2	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	26	-	-	6	3	2	4	2	4	3	-	1	1	-	-	-	-	-	-	-
Structural Iron Work, not made in Steel Works or Rolling Mills.	1,807	-	1	-	2	6	17	29	43	53	48	170	348	67	221	164	211	28	191	191
Adults (18 years of age and over):																				
Males,	1,781	-	-	-	-	4	8	34	47	47	48	170	342	67	221	164	211	85	82	191
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	26	-	1	-	2	2	9	5	1	6	-	-	-	-	-	-	-	-	-	-
Surgical Appliances.	554	-	1	1	10	23	18	36	20	21	70	8	29	2	17	7	23	8	10	13
Adults (18 years of age and over):																				
Males,	213	-	-	-	1	1	3	3	2	12	68	5	36	2	15	7	28	7	10	13
Females,	106	-	-	-	1	27	14	32	15	9	2	3	-	-	2	-	-	1	-	-
Young persons (under 18 years of age),	15	-	1	1	8	-	1	1	3	-	-	-	-	-	-	-	-	-	-	-
Suspenders, Garters, and Elastic Woven Goods.	5,270	-	13	63	53	241	236	257	277	353	277	269	194	173	176	210	168	104	108	67
Adults (18 years of age and over):																				
Males,	1,071	-	-	1	3	8	7	25	34	76	75	83	65	69	103	152	136	88	85	61
Females,	1,909	-	3	3	36	125	141	296	234	238	199	203	125	104	72	57	30	16	21	6
Young persons (under 18 years of age),	390	-	10	49	54	108	88	36	9	24	3	3	4	-	1	1	-	-	-	-
Tobacco Manufactures.	4,084	-	19	21	77	114	168	255	221	144	80	135	93	126	179	414	421	432	550	617
Adults (18 years of age and over):																				
Males,	3,083	-	8	1	25	20	23	46	38	57	46	116	89	120	170	396	400	412	524	602
Females,	904	-	3	11	34	84	136	201	180	86	34	17	4	6	8	13	21	20	26	15
Young persons (under 18 years of age),	67	-	8	9	18	10	9	8	3	1	-	-	-	-	1	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage Earn- ers	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over	
		Un- der \$3	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25
Toys and Games.	1,871	-	1	54	137	176	162	168	169	149	183	158	105	57	68	5	72	41	30	26
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	1,038	-	-	-	22	26	41	69	92	88	124	133	88	55	56	80	67	41	30	26
Females,	629	-	1	4	78	115	74	89	92	56	55	24	17	2	12	5	5	-	-	-
Young persons (under 18 years of age),	204	-	-	50	37	35	47	10	15	5	4	1	-	-	-	-	-	-	-	-
Trunks and Valises.	483	-	2	13	16	28	30	23	34	43	15	56	27	29	42	43	40	16	15	11
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	331	-	-	3	3	7	5	7	10	24	11	46	26	28	39	42	39	16	14	11
Females,	100	-	1	2	2	14	19	9	17	16	4	8	1	1	3	1	1	-	1	-
Young persons (under 18 years of age),	52	-	1	8	11	7	6	7	7	3	-	2	-	-	-	-	-	-	-	-
Type Founding and Printing Materials.	96	-	-	-	5	9	9	4	2	4	1	6	5	3	4	3	9	16	7	9
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	76	-	-	-	3	-	3	2	1	4	1	6	5	3	4	3	9	16	7	9
Females,	19	-	-	-	2	9	5	2	1	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Upholstering Materials.	319	-	-	-	-	4	7	7	11	29	29	21	23	100	53	21	9	4	2	6
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	270	-	-	-	-	1	1	3	6	16	8	19	21	100	53	21	9	4	2	6
Females,	39	-	-	-	-	-	5	3	5	2	21	2	1	-	-	-	-	-	-	-
Young persons (under 18 years of age),	10	-	-	-	-	3	1	1	-	4	-	1	-	-	-	-	-	-	-	-

TABLE V. WAGES — Concluded.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1916 — Concluded.

INDUSTRIES AND SEX.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																											
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over									
			\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25									
Window Shades and Fixtures.	78	-	1	2	11	5	6	3	6	3	7	3	2	11	6	9	1	1	1	1									
Adults (18 years of age and over):		-	-	-	-	3	-	2	1	2	3	4	3	2	11	6	9	1	1	1									
Males,	49	-	-	-	-	3	-	2	1	2	3	4	3	2	11	6	9	1	1	1									
Females,	26	-	-	-	-	8	5	4	2	4	-	3	-	-	-	-	-	-	-	-									
Young persons (under 18 years of age),	3	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Wire.	4,639	-	4	7	14	28	26	41	78	51	76	174	265	263	766	624	595	505	530	653									
Adults (18 years of age and over):		-	-	-	6	7	5	16	36	34	65	166	253	260	762	621	592	503	526	648									
Males,	4,500	-	-	-	6	7	5	16	36	34	65	166	253	260	762	621	592	503	526	648									
Females,	84	-	-	-	3	2	8	8	19	11	2	5	7	1	3	2	3	2	4	4									
Young persons (under 18 years of age),	115	-	4	7	5	19	13	17	23	6	9	3	5	2	1	1	-	-	-	-									
Wirework, including Wire Rope and Cable.	2,355	-	18	48	66	113	144	226	241	185	204	169	157	88	114	148	120	77	58	140									
Adults (18 years of age and over):		-	2	1	2	10	19	93	186	132	172	184	150	82	114	148	128	77	58	140									
Males,	1,698	-	11	15	20	60	74	110	47	49	31	15	5	4	-	-	1	-	-	-									
Females,	442	-	5	32	44	43	51	23	8	4	1	-	2	2	-	-	-	-	-	-									
Young persons (under 18 years of age),	215	-	5	32	44	43	51	23	8	4	1	-	2	2	-	-	-	-	-	-									
Wood, Turned and Carved.	1,513	3	2	34	38	87	259	238	230	181	81	120	55	31	61	29	20	19	17	8									
Adults (18 years of age and over):		-	-	5	8	54	218	227	213	179	80	119	55	31	61	29	20	19	17	8									
Males,	1,343	-	-	5	8	54	218	227	213	179	80	119	55	31	61	29	20	19	17	8									
Females,	24	-	-	2	4	2	2	5	7	1	1	-	-	-	-	-	-	-	-	-									
Young persons (under 18 years of age),	146	3	2	27	26	31	39	6	10	1	-	1	-	-	-	-	-	-	-	-									

Wooden Goods, not elsewhere Specified.	478	-	-	8	25	24	16	33	33	11	92	66	24	52	29	37	17	4	5
Adults (18 years of age and over):																			
Males,	401	-	-	-	5	10	4	25	30	11	88	65	24	51	26	36	17	4	5
Females,	42	-	-	5	8	11	9	2	2	-	2	1	-	1	-	1	-	-	-
Young persons (under 18 years of age),	33	-	-	3	12	3	3	6	1	-	2	-	-	-	-	-	-	-	-
Wool, Scouring.	1,064	-	-	2	3	17	32	180	141	94	94	61	94	43	94	60	57	73	69
Adults (18 years of age and over):																			
Males,	1,017	-	-	2	2	2	2	170	132	93	94	60	94	48	94	50	37	73	59
Females,	46	-	-	-	-	13	26	4	2	-	-	1	-	-	-	-	-	-	-
Young persons (under 18 years of age),	21	-	-	-	1	2	4	6	7	1	-	-	-	-	-	-	-	-	-
Woollen and Worsted Goods.	62,812	-	53	262	769	1,637	2,363	6,369	7,305	3,141	6,987	4,540	3,766	2,736	4,230	3,491	2,324	1,368	265
Adults (18 years of age and over):																			
Males,	34,067	-	2	20	36	103	457	1,501	2,935	3,995	4,220	3,030	2,433	2,037	3,170	2,829	2,171	1,206	912
Females,	21,965	-	3	45	114	677	954	2,962	3,478	3,679	2,431	1,833	1,466	677	1,043	655	343	159	83
Young persons (under 18 years of age),	6,751	-	28	197	619	847	852	1,826	1,392	467	236	160	50	22	17	7	10	1	-
All Other Industries.	49,081	-	45	214	544	1,230	1,979	3,801	2,544	3,117	3,354	4,331	3,361	3,508	5,080	3,435	2,365	3,080	2,071
Adults (18 years of age and over):																			
Males,	36,946	-	1	9	30	82	107	289	833	1,994	2,507	3,668	4,025	3,104	4,970	3,383	2,352	3,067	3,070
Females,	9,505	-	4	27	204	521	1,138	3,153	1,548	1,029	801	586	163	144	77	45	26	10	13
Young persons (under 18 years of age),	2,630	-	40	178	310	627	734	364	163	94	46	47	10	13	4	5	4	1	-

TABLE VI. DAYS IN OPERATION.

A. THE STATE: BY INDUSTRIES.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
THE STATE.			The State — Con.		
Artificial limbs,	6	304.7	Copperage,	35	257.7
Artificial stone products,	39	261.2	Copper, tin, and sheet-iron products,	144	295.8
Automobiles, including bodies and parts,	74	297.0	Cordage and twine, and jute goods,	14	299.2
Awnings, tents, and sails,	49	280.3	Corsets,	11	301.6
Baskets, and rattan and willow ware,	14	294.8	Cotton goods,	170	294.3
Belting, leather,	20	303.5	Cotton small wares,	23	299.3
Billiard tables and materials,	5	304.3	Cutlery and tools, not elsewhere specified,	145	291.3
Blacking, stains, and dressings,	46	297.1	Dental goods,	7	298.1
Bookbinding and blank-book making,	87	299.7	Dyeing and finishing textiles,	61	294.6
Boot and shoe cut stock and findings,	414	294.0	Dyestuffs and extracts,	18	299.5
Boots and shoes,	457	296.4	Electrical machinery, apparatus, and supplies,	88	294.5
Boots and shoes, rubber,	8	296.6	Electroplating,	49	294.0
Boxes, cigar,	5	253.2	Enameling and japanning,	14	301.4
Boxes, fancy and paper,	93	295.7	Engraving and die-sinking,	26	298.0
Boxes, wooden packing,	94	290.0	Engraving, steel and copper plate, including plate printing,	17	298.6
Brass, bronze, and copper products,	50	299.5	Envelopes,	14	295.8
Bread and other bakery products,	1,049	300.4	Fancy articles, not elsewhere specified,	18	299.1
Brick and tile,	46	192.5	Felt goods,	12	300.3
Brooms,	20	293.8	Firearms,	7	274.6
Brushes,	29	283.0	Flavoring extracts,	22	298.3
Butter,	14	306.2	Flour-mill and gristmill products,	74	297.1
Buttons,	12	284.7	Food preparations,	43	275.8
Canning and preserving,	53	276.3	Foundry and machine-shop products,	669	297.4
Carpets and rugs, other than rag,	12	298.2	Fur goods,	14	295.5
Carpets, rag,	19	276.6	Furnishing goods, men's,	17	295.6
Carriages and sleds, children's,	8	293.8	Furniture,	117	296.6
Carriages and wagons, and materials,	107	301.5	Galvanizing,	3	298.7
Cars and general shop construction and repairs by steam-rail-road companies,	11	304.9	Gas and electric fixtures,	12	298.6
Chemicals,	21	310.7	Gas, illuminating and heating,	43	358.1
Cleansing and polishing preparations,	19	291.4	Glass cutting, staining, and ornamenting,	30	291.3
Cloth, sponging and re-fining,	5	305.0	Glue,	9	275.9
Clothing, men's,	203	283.9	Gold and silver, leaf and foil,	19	298.4
Clothing, men's, button-holes,	7	289.3	Gold and silver, reducing and refining, not from the ore,	5	305.2
Clothing, women's,	221	271.5	Grease and tallow,	27	291.7
Coffee and spice, roasting and grinding,	29	299.7	Hand stamps, and stencils and brands,	24	304.2
Coffins, burial cases, and undertakers' goods,	11	300.8	Hardware,	36	292.0
Combs and hairpins,	39	296.5	Hats and caps, other than felt, straw, and wool,	30	294.4
Confectionery and ice cream,	223	295.3	Hats, fur-felt,	8	272.5
Confectionery,	125	291.8	Hats, straw,	15	255.1
Ice cream,	98	300.1	Hosiery and knit goods,	59	299.9
			House furnishing goods, not elsewhere specified,	24	298.1
			Ice, manufactured,	5	300.4

TABLE VI. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Instruments, professional and scientific, . . .	21	290.0	Paper goods, not elsewhere specified, . .	49	290.7
Iron and steel, steel works and rolling mills, . .	11	293.5	Patent medicines and compounds and druggists' preparations, .	95	298.9
Iron and steel, bolts, nuts, washers and rivets, not made in steel works or rolling mills, . . .	9	295.7	Photographic apparatus and materials, . . .	3	303.3
Iron and steel forgings, . .	12	296.1	Photo-engraving, . .	26	292.7
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills, . . .	25	296.8	Plumbers' supplies, . .	20	295.7
Ivory, shell, and bone work, not including combs and hairpins, .	5	291.0	Pocketbooks, . . .	10	301.2
Jewelry, . . .	155	296.8	Pottery, . . .	7	303.1
Jewelry and instrument cases, . . .	10	302.4	Printing and publishing, .	681	303.8
Labels and tags, . . .	6	304.5	Refrigerators, . . .	12	290.8
Lamps and reflectors, . .	7	305.0	Rubber goods, not elsewhere specified, . . .	38	289.9
Laths, . . .	30	294.2	Saddlery and harness, . .	34	303.7
Leather goods, not elsewhere specified, . . .	44	293.0	Sausages, not made in slaughtering and meat-packing establishments, .	45	304.7
Leather, tanned, curried, and finished, . . .	119	296.2	Saws, machine, . . .	17	302.3
Lime, . . .	9	296.1	Shipbuilding, wooden, including boat-building, .	61	284.1
Linen goods, . . .	7	298.1	Shirts, . . .	12	281.8
Liquors, distilled, . . .	6	288.0	Shoddy, wool, . . .	23	283.4
Liquors, malt, . . .	31	280.3	Show cases, . . .	10	289.8
Lithographing, . . .	15	303.1	Signs and advertising novelties, . . .	20	286.8
Looking-glass and picture frames, . . .	24	304.0	Silk and silk goods, including throwsters, .	17	290.8
Lumber and timber products, . . .	97	197.8	Silverware and plated ware, . . .	21	294.4
Lumber planing-mill products, . . .	172	290.0	Slaughtering and meat-packing, . . .	36	274.1
Marble and stone work, . .	90	248.9	Soap, . . .	32	296.6
Mattresses and spring beds, . . .	51	302.2	Sporting and athletic goods, . . .	16	291.7
Millinery and lace goods, .	62	289.9	Springs, steel, car and carriage, . . .	7	303.3
Mineral and soda waters, .	122	290.0	Stationery goods, not elsewhere specified, . .	29	281.3
Minerals and earths, ground, . . .	8	288.1	Statuary and art goods, .	12	290.8
Mirrors, . . .	7	303.2	Steam fittings and steam and hot-water heating apparatus, . . .	28	291.6
Models and patterns, not including paper patterns, . . .	61	297.7	Steam packing, . . .	8	303.1
Monuments and tombstones, . . .	172	265.8	Stereotyping and electrotyping, . . .	16	297.1
Mucilage and paste, . . .	17	286.9	Stoves and hot-air furnaces, not including gas and oil stoves, . . .	14	278.4
Musical instruments and materials, not specified, .	16	302.2	Structural ironwork, not made in steel works or rolling mills, . . .	50	296.4
Musical instruments, pianos and organs, and materials, . . .	45	290.7	Surgical appliances, . .	13	292.9
Oil, not elsewhere specified, . . .	14	290.3	Suspenders, garters, and elastic woven goods, .	28	299.9
Paints and varnishes, . . .	32	284.2	Tobacco manufactures, .	241	276.0
Paper and wood pulp, . . .	85	281.5	Toys and games, . . .	18	296.8

¹ Includes five establishments under one management.

TABLE VI. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Trunks and valises, . . .	21	284.1	Window shades and fixtures,	10	293.9
Type founding and printing materials, . . .	6	305.0	Wire,	8	300.6
Upholstering materials, . .	8	278.4	Wirework, including wire rope and cable, . . .	31	297.9
Vinegar and cider, . . .	34	295.8	Wood, turned and carved, . .	43	286.1
Waste,	10	298.8	Wooden goods, . . .	36	291.7
Watch and clock materials,	6	297.3	Wool scouring, . . .	11	297.3
Whips,	18	300.6	Woolen and worsted goods,	169	291.2
Window and door screens, . .	15	298.5	Other industries, . . .	278	298.0

B. THE STATE: BY CITIES AND TOWNS.

CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation	CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation
THE STATE.	9,329	291.9	The State — Con.		
Abington,	16	284.6	Dalton,	8	296.5
Acton,	12	294.0	Danvers,	24	263.4
Adams,	30	292.9	Dartmouth,	4	188.8
Agawam,	3	283.3	Dedham,	13	308.8
Amesbury,	51	283.0	Deerfield,	7	235.1
Amherst,	19	279.2	Dudley,	10	268.6
Andover,	9	302.3	Easthampton,	21	287.8
Arlington,	19	291.4	Easton,	8	285.9
Ashburnham,	11	277.8	Erving,	5	291.8
Ashland,	7	262.0	Essex,	5	240.2
Athol,	34	291.3	EVERETT,	79	296.2
ATTLEBORO,	126	292.2	FALL RIVER,	262	292.5
Ayer,	13	293.8	Falmouth,	5	266.6
Barnstable,	6	232.4	FITCHBURG,	105	298.0
Barre,	7	296.4	Foxborough,	12	240.6
Becket,	7	272.6	Frammingham,	87	303.4
Belmont,	6	274.0	Franklin,	24	292.1
BEVERLY,	55	297.5	Gardner,	56	296.1
Billerica,	8	280.3	Georgetown,	5	294.3
Boston,	2,603	293.4	GLOUCESTER,	75	290.0
Braintree,	18	296.2	Grafton,	13	292.3
Bridgewater,	17	258.2	Great Barrington, . .	14	300.7
BROCKTON,	203	289.5	Greenfield,	45	290.6
Brookline,	18	305.5	Hanover,	7	265.4
CAMBRIDGE,	292	294.4	HAVERHILL,	362	289.5
Canton,	15	296.4	Hingham,	8	254.3
Carver,	6	231.7	HOLYOKE,	168	291.5
CHELSEA,	105	294.0	Hudson,	23	283.3
Chester,	7	300.4	Huntington,	5	288.6
CHICOPPEE,	49	287.4	Kingston,	7	277.9
Clinton,	28	302.6	LAWRENCE,	171	294.7
Concord,	8	293.3	Lee,	17	280.1
			Leicester,	10	301.6

TABLE VI. DAYS IN OPERATION — Concluded.

B. THE STATE: BY CITIES AND TOWNS — Concluded.

CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation	CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
LEOMINSTER,	69	293.1	QUINCY,	156	299.3
Lexington,	5	290.4	Randolph,	9	282.8
LOWELL,	252	298.7	Raynham,	10	290.6
LYNN,	409	294.9	Reading,	15	296.6
MALDEN,	70	294.9	REVERE,	15	282.1
Manchester,	6	282.8	Rochester,	5	193.3
Mansfield,	21	290.1	Rockland,	20	300.4
Marblehead,	25	290.2	Rockport,	12	284.3
MARLBOROUGH,	37	287.6	Rowley,	7	303.3
MEDFORD,	40	295.2	SALEM,	128	289.7
Medway,	7	283.9	Saugus,	7	276.9
MELROSE,	23	301.9	Shelburne,	7	284.4
Merrimac,	5	296.2	SOMERVILLE,	118	298.0
Methuen,	23	293.3	South Hadley,	10	259.9
Middleborough,	24	266.4	Southbridge,	32	294.5
Millford,	45	301.0	Spencer,	16	299.1
Millbury,	24	292.3	SPRINGFIELD,	307	290.3
Milton,	4	290.5	Stoneham,	21	303.1
Monson,	8	282.9	Stoughton,	23	285.1
Montague,	18	289.8	TAUNTON,	93	294.5
Natick,	22	291.3	Templeton,	15	278.2
Needham,	22	295.6	Townsend,	7	273.1
NEW BEDFORD,	186	297.4	Uxbridge,	11	299.1
NEWBURYPORT,	51	291.0	Wakefield,	24	298.8
NEWTON,	45	292.3	Walpole,	13	299.5
NORTH ADAMS,	56	299.1	WALTHAM,	76	296.5
North Andover,	9	269.2	Ware,	17	302.3
North Attleborough,	61	283.0	Wareham,	13	246.3
North Brookfield,	7	300.9	Warren,	7	287.9
North Reading,	6	305.0	Watertown,	15	287.8
NORTHAMPTON,	59	289.5	Wellesley,	6	301.2
Northbridge,	13	304.7	West Springfield,	17	292.2
Norton,	6	272.8	West Stockbridge,	8	257.7
Norwood,	22	286.3	Westborough,	15	290.8
Orange,	17	282.6	Westfield,	75	292.5
Oxford,	10	272.4	Westminster,	5	247.6
Palmer,	20	284.2	Weymouth,	33	297.9
Peabody,	81	300.7	Whitman,	19	295.6
Pepperell,	6	295.8	Williamsburg,	10	301.9
PITTSFIELD,	64	295.5	Winchendon,	21	292.3
Plainville,	7	284.6	Winchester,	13	288.7
Plymouth,	25	299.9	WOBURN,	49	298.6
			WORCESTER,	539	293.0

LAUNDRIES.

[125]

TABLE VII. STEAM LAUNDRIES — 1909-1916.

CITIES AND TOWNS.	Number of Establishments	Capital Invested	Cost of Materials Used	Average Number of Wage-earners	Wages Paid	Value of Work Done
The State.						
1909.	280	\$2,951,025	\$903,845	5,958	\$2,582,593	\$5,754,572
1912.	329	4,120,488	1,087,794	7,357	3,395,861	7,773,956
1913.	377	4,542,313	1,259,555	8,160	3,884,570	8,781,826
1914.	391	4,665,798	1,391,900	7,771	3,721,409	8,661,830
1915.	376	5,037,974	1,413,801	7,757	3,978,761	8,675,570
1916.	373	5,383,116	1,716,026	8,094	4,278,056	9,673,534
ATTLEBORO.						
1914.	4	\$28,361	\$5,041	40	\$18,904	\$36,904
1915.	4	31,794	5,845	43	21,455	38,872
1916.	4	21,947	7,957	39	21,244	44,618
BEVERLY.						
1909.	3	\$16,995	\$6,023	44	\$12,014	\$34,950
1912.	4	22,492	12,551	84	36,422	82,045
1913.	4	28,376	11,325	78	36,334	75,645
1914.	4	27,943	10,033	66	30,175	81,840
1915.	4	17,540	9,762	74	38,131	79,303
1916.	4	45,805	9,271	69	37,148	82,840
BOSTON.						
1909.	56 ¹	\$712,354	\$264,716	1,725	\$711,344	\$1,601,181
1912.	58	991,344	287,179	2,093	943,267	2,118,780
1913.	63	1,110,791	340,209	2,333	1,062,680	2,411,416
1914.	55	1,106,103	363,223	2,127	941,278	2,297,350
1915.	57	1,149,979	399,499	2,132	1,068,852	2,286,669
1916.	58	1,207,073	480,739	2,174	1,086,182	2,510,237
BROCKTON.						
1909.	3	\$51,687	\$18,441	116	\$57,884	\$115,368
1912.	5	79,625	21,373	149	82,260	164,117
1913.	5	73,141	21,222	134	88,610	165,601
1914.	6	120,999	18,825	140	81,475	160,609
1915.	4	150,543	24,682	133	75,798	155,880
1916.	5	165,249	32,598	158	100,827	196,892
CAMBRIDGE.						
1909.	7	\$349,011	\$67,235	481	\$216,961	\$494,843
1912.	8	266,066	81,593	531	253,184	564,335
1913.	9	297,877	72,601	518	259,875	592,286
1914.	9	367,717	66,962	448	224,900	563,183
1915.	8	380,932	84,495	498	231,790	541,473
1916.	7	416,199	84,784	492	258,214	596,680
CHELSEA.						
1914.	4	\$31,200	\$12,032	62	\$29,405	\$64,440
1915.	3	23,638	9,600	55	32,153	65,500
1916.	3	35,565	15,425	47	27,901	58,740
CHICOPPEE.						
1914.	3	\$16,916	\$5,843	26	\$10,745	\$28,175
1915.	4	18,470	6,246	25	12,776	32,755
1916.	4	21,683	8,170	32	19,088	42,084
EVERETT.						
1914.	3	\$31,782	\$15,009	76	\$27,603	\$62,352
1915.	3	31,039	14,576	74	37,734	79,373
1916.	3	32,178	16,300	78	40,410	90,667
FALL RIVER.						
1909.	10	\$198,243	\$36,476	190	\$97,652	\$216,538
1912.	13	223,941	44,453	244	107,378	243,005
1913.	13	242,382	51,543	247	138,224	299,194
1914.	13	263,308	63,111	250	137,099	302,077
1915.	13	245,329	64,652	236	138,973	304,129
1916.	14	266,826	78,234	229	130,378	333,324

¹ Including three laundries in Hyde Park, which was annexed to Boston in 1912.

TABLE VII. STEAM LAUNDRIES — 1909-1916 — Continued.

CITIES AND TOWNS.	Number of Establishments	Capital Invested	Cost of Materials Used	Average Number of Wage-earners	Wages Paid	Value of Work Done
FITCHBURG.						
1909,	4	\$17,211	\$6,290	62	\$25,197	\$52,096
1912,	5	33,709	16,513	86	34,600	75,448
1913,	5	35,950	9,362	89	36,197	79,102
1914,	5	37,198	12,851	83	36,529	68,232
1915,	4	30,820	7,931	88	35,063	64,637
1916,	4	26,972	7,645	72	31,769	64,758
HAVERHILL.						
1909,	6	\$23,320	\$10,469	87	\$40,940	\$86,034
1912,	15	57,801	26,350	146	75,670	153,227
1913,	15	99,855	24,443	174	79,213	178,597
1914,	16	65,080	32,192	171	82,007	180,000
1915,	16	76,198	27,084	164	86,941	183,061
1916,	16	71,113	30,940	177	93,032	181,020
HOLYOKE.						
1909,	4	\$72,610	\$19,605	78	\$39,860	\$82,800
1912,	5	99,863	18,528	79	33,312	109,698
1913,	5	115,257	16,070	94	45,990	113,617
1914,	5	88,030	16,242	68	36,312	95,481
1915,	5	104,847	14,572	72	35,129	92,420
1916,	5	93,801	17,362	92	47,576	99,704
LAWRENCE.						
1909,	9	\$40,220	\$10,679	68	\$26,024	\$66,405
1912,	10	62,270	17,283	104	46,649	148,760
1913,	9	54,086	23,292	112	54,191	132,250
1914,	11	64,900	23,535	123	58,504	132,377
1915,	10	65,141	24,182	107	54,187	118,952
1916,	10	67,264	35,467	133	68,539	155,668
LEOMINSTER.						
1914,	3	\$13,335	\$3,578	35	\$14,895	\$33,500
1915,	3	13,850	5,889	30	15,534	36,125
1916,	3	13,563	5,066	18	10,248	34,138
LOWELL.						
1909,	9	\$54,814	\$30,974	188	\$90,577	\$170,065
1912,	9	107,560	17,344	186	75,402	185,868
1913,	10	80,950	26,092	212	85,374	173,397
1914,	9	66,965	33,310	217	94,742	199,347
1915,	9	82,960	48,164	219	97,302	221,975
1916,	9	91,452	54,969	228	110,439	245,380
LYNN.						
1909,	10	\$107,874	\$48,173	270	\$118,929	\$276,314
1912,	12	167,764	41,032	323	146,696	334,527
1913,	14	208,990	48,010	332	184,432	353,751
1914,	16	257,228	44,967	348	181,526	353,038
1915,	16	291,475	50,220	299	167,990	345,436
1916,	16	194,707	60,520	348	169,431	389,129
MALDEN.						
1909,	3	\$14,000	\$5,274	82	\$42,349	\$64,986
1912,	4	37,249	12,372	97	50,450	93,466
1913,	5	40,814	15,527	123	66,432	118,844
1914,	4	42,549	26,299	122	54,000	119,937
1915,	5	34,610	17,748	131	71,159	121,374
1916,	5	49,036	30,881	131	80,646	151,470
MELROSE.						
1914,	3	\$9,860	\$4,874	17	\$9,187	\$25,996
1915,	3	12,995	3,245	16	8,561	26,160
1916,	3	9,060	2,820	13	6,406	25,149
METHUEN.						
1914,	3	\$14,643	\$4,167	51	\$22,534	\$36,651
1915,	3	15,275	4,740	51	22,969	43,600
1916,	3	16,220	5,132	51	20,966	43,026

TABLE VII. STEAM LAUNDRIES — 1909-1916 — Continued.

CITIES AND TOWNS.		Number of Es- tablish- ments	Capital Invested	Cost of Materials Used	Average Number of Wage- earners	Wages Paid	Value of Work Done
NATICK.							
1914.	.	3	\$19,050	\$3,090	24	\$11,363	\$37,400
1915.	.	3	16,260	4,180	25	11,330	28,105
1916.	.	3	17,050	4,979	26	12,241	29,279
NEW BEDFORD.							
1909.	.	10	\$76,374	\$27,299	180	\$85,740	\$175,172
1912.	.	14	196,096	36,141	226	121,455	260,400
1913.	.	14	157,273	51,379	249	138,875	312,358
1914.	.	13	142,976	47,846	229	126,809	294,490
1915.	.	15	189,758	50,431	254	148,981	343,297
1916.	.	14	207,546	63,484	255	165,751	362,666
NEWBURTPORT.							
1909.	.	3	\$10,761	\$3,213	25	\$10,021	\$35,253
1912.	.	5	19,968	6,068	39	16,077	45,070
1913.	.	6	23,872	4,025	40	16,857	47,140
1914.	.	5	17,340	8,285	38	17,390	41,980
1915.	.	5	15,312	7,510	50	24,089	47,284
1916.	.	4	14,413	8,296	53	25,791	52,950
NORTH ADAMS.							
1914.	.	4	\$41,103	\$11,240	65	\$29,340	\$62,366
1915.	.	4	49,285	10,492	68	29,579	68,696
1916.	.	3	39,684	13,877	57	30,122	70,248
NORTHAMPTON.							
1909.	.	3	\$15,657	\$6,320	39	\$15,281	\$31,551
1912.	.	3	23,312	3,957	44	18,966	43,000
1913.	.	3	21,580	5,862	51	22,478	46,872
1914.	.	4	16,018	7,320	53	23,390	50,734
1915.	.	4	18,770	5,609	54	24,396	46,143
1916.	.	4	22,075	8,013	56	27,822	58,265
PITTSFIELD.							
1914.	.	3	\$37,016	\$8,787	51	\$27,041	\$52,764
1915.	.	3	36,250	8,305	47	25,136	48,952
1916.	.	3	36,600	10,306	52	25,400	53,418
QUINCY.							
1909.	.	4	\$36,828	\$11,850	40	\$20,666	\$56,393
1912.	.	5	39,465	7,570	54	28,668	66,298
1913.	.	5	41,705	10,299	59	33,213	74,325
1914.	.	7	51,730	14,985	69	34,668	86,516
1915.	.	4	31,832	10,146	51	31,467	61,994
1916.	.	3	29,528	12,520	65	31,541	71,627
SALEM.							
1909.	.	3	\$31,736	\$16,596	149	\$69,614	\$152,212
1912.	.	4	44,584	23,283	147	77,172	163,343
1913.	.	4	49,459	23,768	148	77,699	167,652
1914.	.	5	62,298	22,535	152	82,714	176,825
1915.	.	4	100,747	17,908	148	81,705	173,575
1916.	.	4	118,423	23,613	150	86,831	190,375
SOMERVILLE.							
1909.	.	5	\$32,415	\$8,822	59	\$26,977	\$64,676
1912.	.	5	17,195	12,106	65	32,649	97,375
1913.	.	4	19,176	14,931	66	36,210	96,384
1914.	.	5	19,916	19,908	66	40,894	96,781
1915.	.	6	35,569	19,674	86	46,581	117,283
1916.	.	6	41,920	24,503	93	52,115	128,512
SPRINGFIELD.							
1909.	.	12	\$163,668	\$36,303	252	\$97,496	\$284,732
1912.	.	11	250,029	51,771	336	170,613	389,441
1913.	.	12	272,008	68,260	422	212,220	472,474
1914.	.	13	278,335	57,299	358	182,159	421,202
1915.	.	14	336,028	65,953	383	190,937	419,865
1916.	.	14	387,531	77,386	421	240,846	502,700

TABLE VII. STEAM LAUNDRIES — 1909-1916 — Concluded.

CITIES AND TOWNS.	Number of Establishments	Capital Invested	Cost of Materials Used	Average Number of Wage-earners	Wages Paid	Value of Work Done
TAUNTON.						
1909,	5	\$42,775	\$13,238	92	\$34,508	\$72,216
1912,	4	80,770	12,360	94	39,034	87,555
1913,	4	81,235	15,740	92	41,591	95,711
1914,	5	58,325	27,962	95	47,319	108,096
1915,	5	61,563	15,811	102	44,137	96,855
1916,	5	47,978	19,645	97	49,392	104,075
WATERTOWN.						
1914,	4	\$87,091	\$44,829	272	\$147,265	\$270,686
1915,	4	101,209	40,960	225	131,358	254,731
1916,	4	85,569	43,883	228	141,325	272,982
WORCESTER.						
1909,	13	\$174,255	\$59,656	357	\$144,116	\$316,215
1912,	12	247,766	71,135	405	184,965	420,788
1913,	12	270,404	75,193	414	190,730	439,221
1914,	11	254,079	84,786	358	184,063	416,376
1915,	11	250,457	75,341	383	186,049	430,253
1916,	10	318,300	104,295	426	224,695	502,120
OTHER CITIES AND TOWNS.						
1909,	98	\$708,217	\$196,191	1,374	\$608,443	\$1,314,302
1912,	118	1,049,599	266,832	1,825	815,983	1,927,460
1913,	156	1,217,132	330,502	2,173	1,016,645	2,336,099
1914,	133	954,444	269,834	1,471	704,274	1,699,135
1915,	120	1,017,399	258,349	1,439	759,999	1,700,823
1916,	120	1,070,529	317,746	1,534	803,540	1,928,814

Classified Weekly Wages (Rates). General Laundries — 1916.

Sex and Age.	Aggre- gates	Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over
The State,	7,836	-	5	36	248	970	1,150	1,185	1,047	674	257	465	210	190	338	319	318	185	108	131
Per cent,	100	-	0.1	0.4	3.2	12.4	14.7	15.1	13.4	8.6	3.3	5.9	2.7	2.4	4.3	4.1	4.0	2.3	1.4	1.7
Males (18 years and over),	2,306	-	-	-	7	20	21	44	66	133	93	276	156	161	304	299	311	180	102	128
Per cent,	100	-	-	-	0.3	0.9	0.9	1.9	2.9	6.0	4.0	12.0	6.7	7.0	13.2	13.0	13.6	7.8	4.4	5.5
Females (18 years and over),	5,199	-	1	22	176	822	1,074	1,103	963	530	163	188	53	29	34	20	7	5	6	3
Per cent,	100	-	1	0.4	3.4	15.8	20.7	21.2	18.5	10.2	3.1	3.6	1.0	0.6	0.7	0.4	0.1	0.1	0.1	0.1
Young persons (under 18 years of age),	331	-	4	14	65	128	55	38	18	6	1	1	1	-	-	-	-	-	-	-
Per cent,	100	-	1.2	4.2	19.6	38.7	16.6	11.5	5.5	1.8	0.3	0.3	0.3	-	-	-	-	-	-	-

Classified Weekly Wages (Rates). Wet Wash Laundries — 1916.

The State,	786	-	18	28	20	46	25	51	48	71	52	111	25	43	85	52	63	23	16	9
Per cent,	100	-	2.3	3.6	2.5	5.9	3.2	6.5	6.1	9.0	6.6	14.1	3.2	5.5	10.8	6.6	8.0	2.9	2.0	1.2
Males (18 years and over),	623	-	-	2	1	16	9	25	37	65	51	101	25	43	85	52	63	23	16	9
Per cent,	100	-	-	0.3	0.2	2.6	1.5	4.0	5.9	10.4	8.2	16.2	4.0	6.9	13.6	8.4	10.1	3.7	2.6	1.4
Females (18 years and over),	150	-	16	26	18	25	14	24	10	6	1	10	-	-	-	-	-	-	-	-
Per cent,	100	-	10.7	17.3	12.0	16.7	9.3	16.0	6.7	4.0	0.7	6.6	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	13	-	2	-	1	5	2	2	1	-	-	-	-	-	-	-	-	-	-	-
Per cent,	100	-	15.4	-	7.7	38.4	15.4	15.4	7.7	-	-	-	-	-	-	-	-	-	-	-

1 Less than one-tenth of one per cent.

PUBLICATIONS

OF THE BUREAU OF STATISTICS

I. REPORT ON THE STATISTICS OF LABOR.

(Public Document No. 15.)

The first Annual Report on the Statistics of Labor was published in 1870, the first Labor Bulletin in 1897, and Special Reports have been issued from time to time as occasion required. Beginning with the year 1913 all of these several publications of the Labor Division of the Bureau have been styled "Labor Bulletins", and a certain number of copies have been set aside for binding and publication at the end of the year under the title of the "Annual Report on the Statistics of Labor." The Labor Bulletins are numbered consecutively as issued, and each number contains matter devoted to one subject, concerning labor or the condition of the wage-earning population or questions of economic or social interest.

A list of the Bulletins issued since January 1, 1916, will be found below, any of which will be mailed to applicants upon request. Persons or organizations desiring to receive the Labor Bulletins as issued will be entered on our mailing list upon making application, and exchanges with publications having reference to industrial and social matters will be gladly made.

(A list of the Reports and Bulletins issued prior to January 1, 1916, will be furnished on application.)

- No. 113, March 1, 1916. Fifteenth Annual Directory of Labor Organizations, 1916.
- No. 114, April 1, 1916. Union Scale of Wages and Hours of Labor in Massachusetts, 1915.
- No. 115, May 1, 1916. Wages and Hours of Labor in Steam and Electric Railway Service in Massachusetts.
- No. 116, September 1, 1916. Labor Legislation in Massachusetts, 1916.
- No. 117, November 1, 1916. Labor Injunctions in Massachusetts.
- No. 118, December 1, 1916. Eighth Annual Report on Labor Organizations, 1915.
- No. 119, March 1, 1917. Sixteenth Annual Directory of Labor Organizations, 1917.
- No. 120, May 1, 1917. Union Scale of Wages and Hours of Labor in Massachusetts, 1916.
- No. 121, July 1, 1917. Collective Agreements between Employers and Labor Organizations in Massachusetts, 1916.
- No. 122, September 1, 1917. Labor Legislation in Massachusetts, 1915, 1916, and 1917.

II. QUARTERLY REPORTS ON EMPLOYMENT IN MASSACHUSETTS.

The first Quarterly Report on Employment in Massachusetts was published in May, 1908. A few reports for the following quarters are still available for distribution, and will be sent to any address upon application.

- 1914 — March 31; June 30; September 30; December 31.
- 1915 — March 31; June 30; September 30; December 31.
- 1916 — March 31; June 30; September 30; December 31.
- 1917 — March 31; June 30.

Annual summaries were published in the Annual Reports on Labor Organizations of which the following are still available for distribution: 1912, 1913, 1914, and 1915. Persons or organizations desiring to receive copies of these reports will be placed upon the mailing list upon making application.

III. REPORT ON THE STATISTICS OF MANUFACTURES.

(Public Document No. 36.)

The First Annual Report on the Statistics of Manufactures was published in 1886. Each report issued prior to 1907 contained comparisons for identical establishments, between two or more years, as to Capital Devoted to Production, Stock and Materials Used, Goods Made, Persons Employed, Wages Paid, and Time in Operation. Beginning with 1907 the comparisons for identical establishments were omitted, and all returns made to the Bureau were included in the tabulations. Copies of the reports for the years 1909, 1914, 1915, and 1916 are available for distribution, and will be sent upon application.

IV. REPORT ON THE STATISTICS OF MUNICIPAL FINANCES.

(Public Document No. 79.)

The first report on the Statistics of Municipal Finances was issued in September, 1908, and covered municipal fiscal years ending between November 30, 1906, and April 1, 1907. The reports for this and for later years contain tabular presentations showing the Cost of Municipal Government in Massachusetts: Summarized Statement of All Receipts and Payments, together with Analysis Tables and Definitions of Terms intended to promote uniformity in accounting and presentation of municipal reports. The first and second reports are now out of print. The ninth annual report covers municipal fiscal years ending between November 30, 1914, and March 31, 1915. Any of the reports now in print will be sent upon application.

V. THE MUNICIPAL BULLETIN.

These Bulletins contain matter relating to municipal affairs, especially finances, and are intended to promote a sound and efficient administration of city and town government in Massachusetts. Bulletins Nos. 2, 5, 6, and 7 were superseded by No. 8. Any of the Bulletins listed below will be sent upon application.

No. 1. January, 1910. A Uniform Classification of Municipal Receipts and Payments Prescribed for the Cities and Towns of Massachusetts as a Basis for a Standard System of Accounts and Reports.

No. 3. January, 1911. The Issue and Certification of Town Notes Under the Provisions of Chapter III of the Acts of 1910.

No. 4. March, 1911. Outstanding Indebtedness of Certain Cities and Towns of Massachusetts Against which no Sinking Funds are being Accumulated or for the Extinguishment of which no Annual Payments of Principal are being made.

No. 8. July, 1917. Laws relating to Municipal Finances, including the Municipal Indebtedness Act of 1913 (with amendments), the Acts requiring the Certification of Town and District Notes, providing for the Auditing of Accounts, and the Installation of Accounting Systems by the Bureau of Statistics, making of Annual Returns of Financial Transactions, etc. (Supersedes Municipal Bulletins Nos. 2, 5, 6, and 7.)

VI. REPORT ON THE STATE PUBLIC EMPLOYMENT OFFICES.

(Public Document No. 80.)

Public employment offices are maintained under the jurisdiction of this Bureau in Boston, Springfield, and Worcester. The first Annual Report on the State Public Employment Offices was published in 1907. The annual reports contain statistical tables and descriptive matter relative to the work of the offices, and, with the exception of the 1st and 4th (out of print), will be sent upon application. The Tenth Annual Report was issued in February, 1917, and covered the year ending November 30, 1916.

VII. SPECIAL REPORTS.

Special reports, except those indicated by an asterisk (*), which are now out of print, will be mailed upon application.

***January 4, 1911.** A Special Report on the Cost of Retirement Systems for State and County Employees in Massachusetts.

***January 6, 1911.** The Population of Massachusetts as Determined by the Thirteenth Census of the United States, 1910.

April 15, 1912. Report of a Special Investigation relative to the Indebtedness of the Cities and Towns of the Commonwealth.

March 5, 1913. Report of a Special Investigation relative to the Sinking Funds and Serial Loans of the Cities and Towns of the Commonwealth.

August 1, 1913. A Directory of Massachusetts Manufactures, 1913.

August 1, 1914. Report on Power Landries in Massachusetts, 1913.

December 15, 1915. Report of a Special Inquiry relative to Aged and Dependant Persons in Massachusetts, 1915.

VIII. THE DECENNIAL CENSUS.

The Decennial Census of the Commonwealth for 1905 was published complete in four volumes, now out of print. The Decennial Census for 1915 was taken as of the date April 1, 1915. Press notices summarizing the results of the census are available for distribution.

Econ 8293.5

Public Document

No. 36

The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

THIRTY-SECOND ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

1917



BOSTON
WRIGHT & POTTER PRINTING COMPANY
STATE PRINTERS
1919

ORGANIZATION AND FUNCTIONS OF THE MASSACHUSETTS BUREAU OF STATISTICS

Rooms 250-254, State House, Boston

The Bureau is organized into five permanent divisions: 1. The *Administration Division*, charged with duties supervisory in relation to the several divisions; 2. The *Labor Division*, engaged in the collection and tabulation of statistical and other information relating to matters affecting labor and the condition of the working people, as well as questions of general economic and social interest; 3. The *Manufactures Division*, which collects and tabulates Statistics of Manufactures and publishes a Directory; 4. The *Municipal Division*, which collects and tabulates Statistics of Municipal Finances, audits municipal accounts and installs accounting systems in cities and towns, and supervises the issuance of town notes; 5. The *Public Employment Offices Division*, embracing the administration of the State Public Employment Offices, of which there are four, located respectively at 8 Kneeland Street, Boston; 47 Water Street, Springfield; 182 Bank Street, Fall River; and 48-52 Green Street, Worcester. During the period of taking and compiling the Census a sixth division, the *Census Division*, is organized.

The functions of the Bureau and the duties of the Director are summarized in Section 1 of Chapter 371 of the Acts of 1909, entitled "An Act to Provide for a Bureau of Statistics," as follows:

SECTION 1. There shall be a Bureau of Statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the Commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices . . . ; and to take the Decennial Census of the Commonwealth required by the Constitution and present the results thereof in such manner as the General Court may determine.

PUBLICATION OF THIS DOCUMENT
APPROVED BY THE
SUPERVISOR OF ADMINISTRATION.

The Commonwealth of Massachusetts

THIRTY-SECOND ANNUAL REPORT

ON THE

STATISTICS OF MANUFACTURES

FOR THE YEAR

1917

BY THE

DIRECTOR OF THE BUREAU OF STATISTICS



BOSTON
WRIGHT & POTTER PRINTING COMPANY
STATE PRINTERS
1919



The Bureau.

The Commonwealth of Massachusetts

BUREAU OF STATISTICS

CHARLES F. GETTEMY, Director

EXTRACTS FROM CHAPTER 371 OF THE ACTS OF 1909 ENTITLED "AN ACT TO PROVIDE FOR A BUREAU OF STATISTICS."

SECTION 1. There shall be a bureau of statistics, the duties of which shall be to collect, assort, arrange, and publish statistical information relative to the commercial, industrial, social, educational, and sanitary condition of the people, the productive industries of the commonwealth, and the financial affairs of the cities and towns; to establish and maintain free employment offices as provided for by chapter four hundred and thirty-five of the acts of the year nineteen hundred and six and amendments thereof; and to take the decennial census of the commonwealth required by the constitution and present the results thereof in such manner as the general court may determine.

SECTION 4. The director of the said bureau is authorized to prepare a schedule or blank form for the collection of such data as may be, in his judgment, desirable for the proper presentation of statistics of manufactures and the promotion of the industrial welfare of the commonwealth, and the said schedule, unless modified by the director, shall embody inquiries as to, —

- (1) Name of person, partnership or corporation.
- (2) Kind of goods manufactured or business done.
- (3) Number of partners or stockholders.
- (4) Capital invested.
- (5) Principal stock or raw material used, and total value thereof.
- (6) Gross quantity and value of articles manufactured.
- (7) Average number of persons employed, distinguishing as to sex, adults, and children.
- (8) Smallest number of persons employed, and in what month.
- (9) Largest number of persons employed, and in what month.
- (10) Total wages, not including salaries of managers, paid during the year, distinguishing as to sex, adults, and children.
- (11) Proportion that the business of the year bore to the greatest capacity for production of the establishment.
- (12) Number of weeks in operation during the year, part time being reduced to full time.

The said schedule shall be sent by mail annually, on or before the fifteenth day of December, to the owner, operator, or manager of every manufacturing establishment in the commonwealth, and such owner, operator, or manager, or any other person to whom the schedule or blank form is sent shall answer the inquiries thereon and return the same to the bureau properly certified as to its accuracy, not later than the following twentieth day of January: *provided, however*, that the director may, in his discretion, extend the time for returning the schedule beyond said twentieth day of January.

CONTENTS.

	PAGE
INTRODUCTION,	v-iii
The report for 1917 covers returns from 9,865 establishments,	v
Wage-earners. Comparisons, 1913-1917, for industries employing 1,000 women wage-earners in 1917,	vii-ix
Increase in wages and average yearly earnings,	ix
Comparisons for All Industries, 1895-1917 inclusive,	x, xi
The principal industries,	xii-xv
Exports,	xv-xxv
Comparisons for seven leading industries, 1907-1917, inclusive,	xxvi-xxxvi
Boots and shoes, exclusive of cut stock and findings,	xxvi
Cotton goods, including cotton small wares,	xxvii
Electrical machinery, apparatus, and supplies,	xxviii
Foundry and machine-shop products,	xxix
Leather, tanned, curried, and finished,	xxx
Paper and wood pulp,	xxxi
Woolen and worsted goods, including felt goods,	xxxii
Cities, towns,	xxxiii, xxxiv
Comparisons for the 37 cities, 1895-1917,	xxxv-xxxvii
Metropolitan Boston,	xxxviii
Character of ownership, and value added by manufacture,	xxxix, xl
Employment, by months,	xl-xlii
Number of wage-earners employed on December 15, 1917,	xlii
Classified weekly wages,	xlii-xlix
Average yearly earnings. Comparisons, 1913-1917, for the principal industries,	xlv
Days in operation,	l
Laundries,	l
Conclusion,	li, lii
 TABULAR PRESENTATIONS,	 1-129
Table I:	
A. Capital invested, materials used, wages paid, wage-earners, and product for the State: By industries,	2-11
B. The 37 cities: By industries,	12-29
C. Metropolitan Boston: By industries,	30-35
D. Metropolitan Boston: By cities and towns,	36, 37
E. The 113 towns having three or more manufacturing estab- lishments,	38-44
Table II. Character of ownership for 19 selected industries and for All Industries,	45-48
Table III. Average number of wage-earners employed each month: By industries,	49-75
Table IV. Number of wage-earners employed on December 15, 1917,	76-79
Table V. Classified weekly wages: By industries,	80-117
Table VI. Days in operation,	118-121
A. The State: By industries,	118-120
B. The State: By cities and towns,	120, 121
Table VII. Laundries,	125-129

STATISTICS OF MANUFACTURES—1917.

INTRODUCTION.

The 32d Annual Report on the Statistics of Manufactures comprising returns from 9,865 establishments, reflects Massachusetts industries undergoing constant changes in equilibrium. Late in the Spring of 1917 the military situation throughout the country became dominant, withdrawing eventually from the State, either through enlistment or draft into the service, some 80,000 men and resulting in a tendency toward partial elimination of industries not absolutely essential to war. The real subtraction of labor from manufacturing industries would approximate one-third of the above number,¹ and therefore, before numerical increases or comparisons between years can be considered, due allowance should be made for this numerical loss. Not only was this deficiency of 26,000 wage-earners in 1917 supplied, however, but the grand aggregate for All Industries for the year, 708,421, shows a net gain over the previous record year 1916 (682,621), of more than 25,000 wage-earners, and constitutes an addition to our manufactures labor force in 1917 of virtually 51,000 wage-earners, or equivalent to approximately eight per cent.

A peculiar feature of the situation was the tendency of labor to turn from one industry to another as the year progressed. Industries essential to the prosecution of the war deserved the first consideration, so it is easy to understand the shifting of great numbers of wage-earners from establishment to establishment and from industry to industry. The readiness with which the mechanical equipment of our factories adjusted itself to the manufacture of the unusual and sometimes intricate products necessary to the successful maintenance of our army is worthy of special attention. Many of the shoe factories suspended the manufacture of boots and shoes for the purpose of producing haversacks, bags, belts, canteen covers, saddlery trappings, and

¹ Under normal conditions somewhat more than one-third of the wage-earners employed in gainful occupations are engaged in manufacturing industries.

similar army equipment. Factories making automobiles and parts changed to aircraft production, the machine shops were busily engaged in making munitions, and clothing factories found profitable employment in making supplies of raincoats and blankets. Unskilled labor from the tanneries easily found place in the shipbuilding plants and the construction of cantonments at higher wages.

Notwithstanding the tendency towards a substitution of female for male labor in certain classes of work, no marked expansion in the number of industries open to women is apparent. Light machine work, core making, assembling, drill pressing — in industries where these processes are necessary — have regularly been performed to some extent by women under normal conditions, so that, although there have been increases in the number of women employed, particularly in factories organized for the manufacture of munitions, actual replacement of men by women is not evident in 1917 to any considerable extent; indeed, the increase of women employees in manufacturing industries has not quite kept pace with that of men, as becomes apparent from a comparison of the average number of wage-earners for 1917 with that of 1913, — the last normal year before the war. In the earlier year, out of a total of 616,927 wage earners, 194,368, or 31.5 per cent, were women workers, while out of a total of 708,421 in 1917, 212,590, or a fraction over 30 per cent, were women; and whereas the increase in the number of females from 194,368 to 212,590 represents a gain of 18,222 wage-earners, or 9.4 per cent for women, the number of men increased during the same period from 422,559 to 495,831, an increment of 73,272 wage-earners, or 17.3 per cent. In other words, the number of men and women wage-earners in manufactures, so far as All Industries are concerned, is still apparently in the ratio of somewhat more than two to one.

Within individual industries it is, of course, true that there have been marked changes, the most striking of which, aside from the manufacture of munitions which are largely centered in *Foundry and machine-shop products*, is the new industry classified as *Military and naval equipment (textile)*, employing an average of 1,143 women in 1917 and at the maximum, in December of that year, upwards of 3,300. Occupation in this industry is peculiarly attendant upon war conditions, the labor which

produced the goods—haversacks, bags, belts, canteen covers, etc.—having been drawn largely from *Boots and shoes* and *Clothing* thereby effecting in these industries, it will be noted, a recession in the number of women wage-earners during 1917, while for other industries where considerable increases in the number of women employees are shown, there are almost always corresponding gains in the number of male wage-earners.

The following comparison between the years 1913 and 1917 is presented, as of interest in this connection, for industries employing over 1,000 women, from which it appears that larger percentages of gain are shown for female than for male wage-earners in *Boots and shoes, rubber; Confectionery; Cordage and twine and jute goods; Dyeing and finishing textiles; Electrical machinery, apparatus, and supplies; and Foundry and machine-shop products.*

INDUSTRIES AND YEARS.	AVERAGE NUMBER OF WAGE-EARNERS (ARRANGED IN ORDER OF IMPORTANCE BY NUMBER OF FEMALES EMPLOYED)		
	Males	Females	Total
All Industries:			
1913,	422,589	194,268	616,857
1917,	466,831	212,899	709,731
<i>Per cent of increase,</i>	17.8	9.4	14.8
Cotton Goods:			
1913,	61,687	53,273	114,960
1917,	63,896	54,586	118,482
<i>Per cent of increase,</i>	3.6	2.6	3.0
Boots and Shoes:			
1913,	53,234	23,004	81,238
1917,	49,499	27,976	77,475
<i>Per cent of decrease,</i>	7.0	0.1	4.8
Woolen and Worsted Goods:			
1913,	29,638	20,071	49,709
1917,	36,141	23,587	59,728
<i>Per cent of increase,</i>	18.6	17.6	18.1
Hosiery and Knit Goods:			
1913,	2,932	7,807	10,739
1917,	3,496	9,061	12,557
<i>Per cent of increase,</i>	19.3	16.1	18.9
Confectionery:			
1913,	1,832	5,343	7,225
1917,	2,149	6,276	8,424
<i>Per cent of increase,</i>	14.8	17.4	16.6
Electrical Machinery, Apparatus, and Supplies:			
1913,	18,168	4,369	22,437
1917,	18,318	5,564	23,882
<i>Per cent of increase,</i>	0.8	30.3	6.4
Boots and Shoes, Rubber:			
1913,	4,832	3,125	7,957
1917,	7,155	5,120	12,275
<i>Per cent of increase,</i>	48.1	63.8	64.3

INDUSTRIES AND YEARS.	AVERAGE NUMBER OF WAGE-EARNERS (ARRANGED IN ORDER OF IMPORTANCE BY NUMBER OF FEMALES EMPLOYED)		
	Males	Females	Total
Clothing, Women's:			
1913.	1,435	4,037	5,083
1917.	1,376	4,307	5,553
Per cent of decrease,	10.5	6.9	7.7
Paper and Wood Pulp:			
1913.	9,889	4,463	14,353
1917.	10,437	3,725	14,165
Per cent of increase,	5.5	16.1 ¹	1.3 ¹
Boxes, Fancy and Paper:			
1913.	1,438	2,807	4,395
1917.	1,601	3,065	4,756
Per cent of increase,	13.6	9.3	10.7
Dyeing and Finishing Textiles:			
1913.	9,466	2,323	11,688
1917.	12,188	3,035	15,323
Per cent of increase,	26.3	30.8	30.3
Silk and Silk Goods, including Throwsters:			
1913.	1,374	3,033	4,467
1917.	1,336	2,836	4,164
Per cent of decrease,	3.3	6.3	6.3
Clothing, Men's:			
1913.	2,634	3,179	5,813
1917.	2,655	2,798	5,448
Per cent of increase,	0.8	13.1 ¹	6.3 ¹
Boot and Shoe Cut Stock and Findings:			
1913.	5,777	2,533	8,310
1917.	6,801	2,737	9,538
Per cent of increase,	17.7	8.1	14.3
Cordage and Twine, and Jute Goods:			
1913.	3,537	2,311	5,748
1917.	3,480	2,478	6,058
Per cent of increase,	1.3	13.1	6.4
Printing and Publishing:			
1913.	4,681	2,125	6,776
1917.	7,555	2,110	9,665
Per cent of increase,	63.4	0.7 ¹	43.6
Jewelry:			
1913.	5,053	2,521	7,573
1917.	3,713	2,053	5,765
Per cent of decrease,	26.5	18.6	22.9
Foundry and Machine-shop Products:			
1913.	37,099	618	37,717
1917.	62,594	2,033	64,637
Per cent of increase,	68.7	229.0	71.3
Suspenders, Garters, and Elastic Woven Goods:			
1913.	1,001	2,100	3,101
1917.	987	1,976	2,963
Per cent of decrease,	1.4	6.9	4.5
Paper Goods, not elsewhere Specified:			
1913.	2,347	1,917	4,364
1917.	2,261	1,630	3,891
Per cent of decrease,	3.7	15.0	8.7
Carpets and Rugs, other than Rag:			
1913.	2,193	2,533	5,736
1917.	2,284	1,800	3,884
Per cent of decrease,	23.5	36.8	33.3
Corsets:			
1913.	326	2,651	2,977
1917.	253	1,532	1,774
Per cent of decrease,	22.7	42.6	40.4

¹ Decrease.

INDUSTRIES AND YEARS.	AVERAGE NUMBER OF WAGE-EARNERS (ARRANGED IN ORDER OF IMPORTANCE BY NUMBER OF FEMALES EMPLOYED)		
	Males	Females	Total
Bookbinding and Blank-book Making:			
1913,	1,270	1,208	2,478
1917,	1,634	1,467	3,101
<i>Per cent of increase,</i>	28.7	21.9	25.4
Stationery Goods, not elsewhere Specified:			
1913,	681	948	1,629
1917,	1,150	1,464 ¹	2,614
<i>Per cent of increase,</i>	68.9	54.4	60.8
Rubber Goods, not elsewhere Specified:			
1913,	4,598	805	5,403
1917,	7,980	1,327	9,377
<i>Per cent of increase,</i>	73.6	78.8	78.6
Shirts:			
1913,	436	1,481	1,917
1917,	305	1,386	1,691
<i>Per cent of decrease,</i>	30.0	6.4	11.8
Envelopes:			
1913,	730	1,339	2,069
1917,	680	1,368	2,048
<i>Per cent of increase,</i>	6.8 ¹	2.2	1.0 ¹
Millinery and Lace Goods:			
1913,	292	1,397	1,689
1917,	264	1,368	1,637
<i>Per cent of decrease,</i>	9.6	2.4	5.7
Cutlery and Tools, not elsewhere Specified:			
1913,	6,237	892	7,129
1917,	9,642	1,315	10,957
<i>Per cent of increase,</i>	54.6	47.4	53.7
Hats, Straw:			
1913,	1,040	1,671	2,711
1917,	678	1,166	1,843
<i>Per cent of decrease,</i>	34.8	30.3	32.0
Military and Naval Equipment (Textile):²			
1913,	-	-	-
1917,	494	1,143	1,637
<i>Per cent of increase,</i>	-	-	-
Bread and other Bakery Products:			
1913,	5,081	1,425	6,506
1917,	6,112	1,092	7,204
<i>Per cent of increase,</i>	20.3	23.4 ¹	10.7

¹ Decrease.² Industry new in 1917.

Of peculiar interest and satisfaction, however, is the tendency manifested throughout all manufacturing industries in 1917 toward larger compensation for wage-earners, both men and women, the total amount distributed in wages in 1917 being \$537,144,629, as against \$447,957,731 in 1916 and \$351,299,706 in 1913—the last year prior to the outbreak of the war—and the per capita average yearly earnings for All Industries rising from \$569.43 where it stood in 1913 to \$758.23 in 1917, registering an advance of slightly more than 33 per cent in four years.

The money value of goods produced in manufacturing establishments rose from \$2,349,933,003 in 1916 to \$3,020,557,545 in 1917, but it goes without saying that prices were abnormal in 1917, and price increases have so much to do with the rise in total product value that this standard of measurement, affected as it is by so many external influences, is not of great significance especially for purposes of comparison with earlier years. It is apparent that advances in any item of expense—raw material, labor compensation, freight rates, taxes—will quickly be absorbed in the production costs and eventually be registered in the increased selling price of the products, the margin of net profit realized by the manufacturer being more or less safeguarded by the marketability of the goods. With the understanding therefore that due allowance be made in considering the effect of cost increases upon the value of products in 1916 and 1917, yearly comparisons are presented in the following table for All Industries covering the years since 1895:

ALL INDUSTRIES.

CENSUS PERIODS.	Value of Product	Increase	Per Cent of Increase	Average Per Cent of Increase per Year
1895,	\$724,652,132	—	—	—
1899,	907,626,489	\$172,974,307	23.5	5.9
1904,	1,124,092,051	216,465,612	23.8	4.8
1909,	1,490,529,386	366,437,335	32.6	6.5
1914,	1,641,373,047	150,843,661	10.1	2.0
ONE-YEAR PERIODS.				
1915,	1,692,445,366	—	—	—
1916,	2,349,933,003	657,487,637	38.8	38.8
1917,	3,020,557,545	670,624,542	28.5	28.5

CENSUS PERIODS.	Value of Stock and Materials	Increase	Per Cent of Increase	Average Per Cent of Increase per Year
1895,	\$406,026,692	—	—	—
1899,	498,655,033	\$92,628,341	22.8	5.7
1904,	626,410,431	127,755,398	25.6	5.1
1909,	820,764,943	204,354,512	32.6	6.5
1914,	931,383,798	100,618,850	12.1	2.4
ONE-YEAR PERIODS.				
1915,	959,662,457	—	—	—
1916,	1,354,433,202	394,770,745	41.1	41.1
1917,	1,782,440,354	428,007,152	31.6	31.6

ALL INDUSTRIES — Concluded.

CENSUS PERIODS.	Amount paid in Wages	Increase	Per Cent of Increase	Average Per Cent of Increase per Year
1895,	\$166,733,992	—	—	—
1899,	195,378,376	\$28,644,384	17.1	4.3
1904,	232,333,946	37,110,670	19.0	3.8
1909,	301,173,464	68,784,518	29.6	5.9
1914,	341,309,517	40,136,053	13.3	3.7
ONE-YEAR PERIODS.				
1915,	346,243,473	—	—	—
1916,	447,987,731	101,714,259	29.4	29.4
1917,	537,144,629	89,156,898	19.9	19.9

CENSUS PERIODS.	Average Number of Wage-Earners	Increase	Per Cent of Increase	Average Per Cent of Increase per Year
1895,	332,563	—	—	—
1899,	433,324	55,671	14.6	3.7
1904,	488,399	50,165	11.4	3.3
1909,	584,559	96,160	19.7	3.9
1914,	606,608	22,139	3.8	0.8
ONE-YEAR PERIODS.				
1915,	596,348	—	—	—
1916,	682,621	86,273	14.5	14.5
1917,	708,421	25,800	3.8	3.8

CENSUS PERIODS.	Number of Establishments	Increase	Per Cent of Increase	Average Per Cent of Increase per Year
1895,	8,092	—	—	—
1899,	10,929	2,337	25.7	6.4
1904,	10,723	306 ¹	-1	-1
1909,	11,684	961	9.0	1.8
1914,	12,013	329	2.8	0.6
ONE-YEAR PERIODS.				
1915,	9,707 ²	—	—	—
1916,	9,839 ²	132	1.3	1.3
1917,	9,865 ²	26	0.4	0.4

¹ Decrease.

² The smaller number of returns in 1915, 1916, and 1917 as compared with the Census year 1914 is due principally to the elimination of the following classes of establishments from the returns: Those employing no wage-earners; country saw and gristmills; and publishing establishments which do no printing.

THE PRINCIPAL INDUSTRIES.

The value of *Boots and shoes* produced, exclusive of cut stock and findings, advanced from \$269,263,600 in 1916 to \$307,195,759 in 1917, or 14.1 per cent. Clearly, however, this rise in the total is due to increased prices rather than to increased production. Whole stocks of certain grades of sole and upper leather were requisitioned by the government and could not be used for the civilian trade. To be sure, factories fortunate enough to secure contracts for shoes for the United States army or navy were kept very busy during the later months of the year, but this sudden activity was more than offset by the loss of the army shoe trade in Europe and by the restriction of exports. Then, too, the disastrous strike in Lynn—principal center for the manufacture of women's shoes—lasted for a period of approximately six months necessitating the absorption of the wage-earners into other industries. With the normal increment to shoe production thus obstructed, the stock of footwear available for distribution perceptibly diminished and, automatically, the price of finished goods on hand increased.

The average number of wage-earners in this industry for the year 1917, 77,475, receded from the number in 1916 when the total was 84,051. As the general average for the last decade, computed from the figures shown in the table on page xxvi, was 77,671, it is apparent that the labor force in this industry in 1917 was slightly below the average, and, when compared with the year immediately preceding, it fell off 6,576 wage-earners, or 7.8 per cent. At the same time it will be noted that the decrease in the total amount paid in wages during 1917 was only 1.6 per cent, from \$57,134,891 to \$56,217,297, and the average yearly earnings per capita for the decade rose from \$562.59 in 1908 to \$725.62 in 1917, an advance of 29 per cent.

Machinery in the *Cotton goods* industry was operated practically without interruption throughout the year. The extraordinary war demands for raw cotton for gun and rifle ammunition, as well as for duck fabric for army and navy purposes, sharply curtailed the amount of the available supply of raw materials, and resulted in phenomenal increases in the cost of

stock used, which increase was duly reflected in the selling value of the goods produced, a situation affecting all consumers even the individual householder, to such an extent that the selling price of ordinary cotton cloth per yard appreciated approximately 200 per cent during the year, rising to the highest point since the Civil War. To the high cost of materials, the difficult problem of labor in this industry was added, the general scale of wages paid employees having been increased several times during the year in order to obviate their seeking more lucrative employment in machine shops and munition factories. The total factory pay roll for the year rose from \$62,673,943 in 1916 to \$77,620,912 in 1917, or 23.8 per cent in a single year, while the average number of wage-earners employed rose from 116,186 in 1916 to 119,946 in 1917, or 3.2 per cent. The cost of materials rose from \$158,952,771 to \$244,873,175, or 54.1 per cent, while the increase in value of product in 1917 over 1916 amounted to \$129,137,923, or 46.9 per cent.

Into the industry *Foundry and machine-shop products*, wage-earners came from every line of business attracted by the abnormal demand for labor and the unusually high rates of compensation. Great production of machinery was necessary, new and special tools had to be constructed, the problem of the best design carefully considered and then speedy production in tremendous quantities. There were few establishments in this industry in 1917 which were not engaged, either directly or indirectly, on government contracts. Innumerable castings and small parts for shells and other materials for the battlefield were turned out in quantity production. Add to this the lathes, planers, and other machine-shop equipment (capital production) which were demanded by the exigencies of war, and you have a situation which left few leisure hours for the skilled mechanic in the machine and metal trades. The value of product rose from \$175,876,112 in 1916 to \$247,378,971 in 1917, or 40.7 per cent; the cost of materials from \$71,540,243 in 1916 to \$112,026,303, or 56.6 per cent; the amount paid in wages from \$51,962,795 in 1916 to \$66,518,198, or 28 per cent in a single year; and the number of wage-earners from 65,661 in 1916 to 72,608 in 1917, or 10.6 per cent.

The output in *Electrical machinery, apparatus, and supplies*,

rose above the total in 1916 by more than twenty millions of dollars, or 34.6 per cent. An increase in the cost of materials from \$30,256,548 to \$38,904,164, or 28.6 per cent, appears; and wages advanced from \$16,023,876 to \$20,683,257, or 29.1 per cent. This industry has several occupations adapted to the employment of women, and skill in many of its processes, such as the braiding and spooling of wire, core making, inspecting of light castings, etc., is easily acquired. In 1917 the number of women employed was 5,564 against 4,865 in the preceding year, a gain of 14 per cent. This does not, however, mean the displacement of men but rather the employment of additional women workers. The number of male workers in the industry increased from 17,390 in 1916 to 18,318 in 1917.

The *Leather* industry, like that of Boots and shoes, was below normal during 1917. Sheepskins and light upper leathers of the type produced in Peabody were not in great demand for government purposes, and owing to the restrictions could not be exported and there was, moreover, a scarcity of raw materials from the usual sources of foreign supply due to lack of ocean transportation. Although an increase of 2.9 per cent in product value, from \$73,858,509 in 1916 to \$75,976,998 in 1917 is coupled with 8.3 per cent increase in cost of stock used, totals running from \$49,898,903 in 1916 to \$54,063,568 in 1917, and with 6.4 per cent increase in wages, from \$9,052,376 in 1916 to \$9,630,746 in 1917, there was a decided decrease in the average number of wage-earners employed from 12,868 to 11,701, or 9.1 per cent. Employees withdrawn by the draft were difficult to replace in this industry, and the unskilled help formerly engaged therein found abundant opportunity for employment elsewhere. It should be stated that the total output reported, \$75,976,998, does not include the value of hides and skins supplied for treatment under consignment — approximately \$14,000,000 in 1917 — for these stocks, the property of commission houses, were not purchased or sold by the factories doing the work of tanning or finishing.

In the manufacture of *Paper and wood pulp*, the upward movement in prices is again apparent. Although the average number of wage-earners employed was practically identical with that of the previous year, the cost of materials rose 16.1 per

cent, or from \$41,435,134 to \$48,121,923; the value of product increased from \$70,497,358 to \$77,719,783, or 10.2 per cent, while substantial advances in wages were made, the total pay roll rising from \$9,518,226 in 1916 to \$11,556,445, or 21.4 per cent, and the average yearly earnings per capita from \$672.19 to \$815.85, or 21.4 per cent in a single year.

The machinery in *Woolen and Worsted goods* was completely engaged throughout the year in the tremendous task of equipping the army and navy with clothing, including heavy overcoating and blankets required by the government, without neglecting the extensive demand for fabrics for civilian wear. Obviously the steady increase in wool prices was the main cause of the 50 per cent rise in the totals for the industry as compared with 1916, the product value advancing from \$210,158,989 to \$313,505,980. The increase in the pay roll also had its effect, but in this instance it is apparent that more goods were manufactured in 1917 than in the preceding year, since the average number of wage-earners rose from 57,798 to 59,834, a gain of approximately four per cent. The total cost of materials increased from \$130,398,861 to \$196,401,311, or 50 per cent, and the total pay roll for the year for wage-earners rose from \$34,989,748 to \$44,550,168, or 27.3 per cent.

EXPORTS.

Exports of Massachusetts-made goods at the beginning of the year 1917 gave evidence of marked rapidity of growth, but hardly six months had elapsed when it became apparent that as a war measure, restriction throughout the country on many articles of manufacture would be necessary in order to conserve the domestic supply. The first proclamation, placing limitations on the exports of certain kinds of goods, came early in July and longer lists followed from time to time, which, while they did not so much affect general commerce as respected net results—permitted goods taking the place of restricted ones—nevertheless operated temporarily to retard the development of export trade in goods which are typical of Massachusetts manufacture,—some of our most important lines, viz., *Boots and shoes*, *Leather*, and *Hosiery and knit goods* all appearing on the early restricted lists. The aggregate for 1917, therefore,

\$164,153,973, may well be taken as representing approximately a period of six months rather than that of a year. Exports of men's shoes from the United States¹ dropped sharply in *quantity* as well as in value, declining from the high level of 10,199,750 pairs in 1916 to slightly over 6,000,000 pairs in 1917, while Massachusetts exports in *Boots and shoes* show decline in value from \$29,126,724 in 1916 to \$17,412,649 in 1917. Massachusetts exports of *Leather*, while less than in the previous year, totaled \$10,940,483 in 1917, *Cotton goods*, \$14,958,215, as compared with \$11,139,048 in 1916, *Foundry and machine-shop products*, \$36,496,673, as compared with \$36,561,182 in 1916, while exports of *Hosiery and knit goods*, \$2,445,059, were slightly in excess of the total for the preceding year, \$2,380,489. Among other industries exhibiting value of exports in excess of the totals for 1916, notwithstanding the many restrictions, we find *Canning and preserving fish*, \$2,157,170; *Chemicals*, \$1,238,-301; *Paper and wood pulp*, \$970,940; *Steam fittings, and steam and hot-water heating apparatus*, \$1,397,821; and *Rubber goods, exclusive of rubber boots and shoes*, \$1,488,433.

The following tables bring together the statistics for 1917 with similar data for the years 1914, 1915, and 1916, classified by industry, and for certain important selected industries for 1915, 1916, and 1917, classified by principal countries to which goods were exported: —

¹ See Monthly Summary of Foreign Commerce of the United States, page 47.

Industries.	NUMBER OF ESTABLISHMENTS					VALUE OF GOODS EXPORTED				
	1914	1915	1916	1917		1914	1915	1916	1917	
All Industries.	1,195	1,649	1,774	1,752		\$39,670,397	\$111,720,716	\$164,901,964	\$164,153,975	
Automobiles.	4	6	5	3		91,421	441,029	243,481	1,166,420	
Boots and shoes:	192	315	329	296		6,945,994	29,603,633	34,089,167	19,144,819	
Boot and shoe cut stock and findings.	82	120	127	109		1,177,171	2,335,967	4,902,473	17,113,170	
Boots and shoes.	116	195	202	187		5,768,823	27,277,666	29,186,734	17,412,649	
Canning and preserving fish.	7	9	9	7		80,000	769,899	1,053,514	2,157,170	
Chemicals.	5	10	7	6		37,003	694,052	908,231	1,293,301	
Clothing, men's.	12	9	12	7		47,680	119,900	207,081	265,082	
Combs and hairpins.	6	11	12	13		14,330	51,214	69,563	201,092	
Confectionery.	7	14	14	10		38,774	139,041	207,912	14,958,215	
Cotton goods.	23	42	53	59		2,794,852	5,635,220	11,130,048	36,498,673	
Foundry and machine-shop products.	231	206	358	374		5,162,783	12,128,140	36,581,182	36,498,673	
Furniture.	15	18	18	13		1,677,789	149,512	159,570	178,099	
Hats, straw.	6	9	18	17		96,259	149,336	147,631	139,545	
Hosiery and knit goods.	8	15	19	18		154,509	1,451,763	2,330,489	2,445,060	
Jewelry.	35	53	66	72		121,435	373,892	737,581	704,732	
Leather, tanned, curried, and finished.	33	33	42	40		4,694,377	11,554,849	18,855,709	10,940,483	
Leather and timber products.	10	8	8	5		248,631	330,781	224,562	244,080	
Musical instruments, pianos and organs, and materials.	11	15	12	11		54,683	108,221	147,061	179,303	
Paper and wood pulp.	26	47	46	43		597,070	486,856	692,113	970,940	
Paper goods, not elsewhere specified.	11	23	22	27		240,777	373,155	535,898	805,671	
Patent medicines and compounds.	13	24	24	22		320,533	453,046	435,046	415,438	
Rubber goods, exclusive of rubber boots and shoes.	8	12	13	18		57,746	133,243	1,001,277	1,488,433	
Silverware and plated ware.	3	8	8	8		133,120	305,099	217,765	203,638	
Sporting and athletic goods.	6	9	9	7		88,773	113,912	102,185	102,594	
Steam fittings and steam and hot-water heating apparatus.	11	16	15	15		274,572	703,547	894,492	1,397,821	
Suspenders, garters, and elastic woven goods.	4	8	15	16		166,455	297,444	532,830	585,633	
Toys and games.	4	8	10	9		10,031	67,247	73,183	65,679	
Tyres and wire goods.	10	15	15	16		32,941	80,153	1,637,597	1,467,086	
Woolen and worsted goods, including felt goods.	9	45	36	37		612,596	7,353,610	4,167,458	1,593,024	
Other industries.	438	566	576	558		18,446,156	36,804,373	52,581,977	64,455,963	

EXPORTS — ALL INDUSTRIES.

COUNTRIES.	NUMBER OF ESTABLISHMENTS REPORTING ¹			VALUE OF EXPORTS		
	1915	1916	1917	1915	1916	1917
Total.	1,649	1,774	1,761	\$111,729,716	\$164,961,964	\$164,183,973
Canada,	1,040	1,202	1,150	8,367,703	14,925,510	21,127,085
British Provinces,	-	215	232	-	1,253,344	1,830,810
Mexico,	101	130	203	313,256	614,552	1,673,136
Central America,	107	111	129	955,928	1,343,931	1,191,378
South America,	297	367	428	3,969,190	6,861,405	8,369,637
West Indies,	-	-	-	5,160,609	7,940,811	8,249,303
Cuba,	343	417	452	3,923,582	5,871,921	6,190,117
Other West Indies,	263	184	269	1,236,927	2,068,890	2,069,185
Hawaii,	122	140	153	305,843	436,585	549,184
Europe,	-	-	-	76,145,568	112,064,708	99,124,739
England,	625	592	437	34,819,693	51,217,514	37,569,595
Russia,	105	138	113	9,928,237	28,844,342	23,967,302
France,	179	211	211	8,560,961	10,822,469	20,468,238
Italy,	125	137	130	11,935,897	10,743,178	5,492,810
Norway and Sweden,	50	124	152	376,315	2,772,702	1,939,231
Spain,	83	97	125	615,681	1,109,468	1,096,514
Scotland,	11	15	12	18,896	136,144	550,161
Switzerland,	14	20	35	233,586	542,742	467,112
Denmark,	23	60	35	270,893	590,440	359,468
Portugal,	-	-	20	-	-	170,745
Holland,	23	46	25	230,483	372,131	168,234
Greece,	10	17	9	31,101	42,287	31,007
Belgium,	16	15	-	2,062,186	547,710	-
Germany,	35	12	-	293,864	37,123	-
Austria-Hungary,	9	4	-	9,834	5,031	-
Other Europe,	148	105	95	6,767,917	4,881,527	1,843,851
Asia,	-	-	-	1,190,363	2,553,690	4,389,984
Japan,	73	110	154	368,467	1,072,822	2,584,537
India,	68	81	82	358,894	443,339	946,021
China,	59	96	96	237,699	691,012	679,531
Asia, not specified,	25	38	61	225,303	341,437	619,845
Oceania,	-	-	-	2,553,078	3,451,031	3,538,733
Australia,	101	101	108	407,334	1,000,761	705,939
Philippine Islands,	136	134	171	686,319	701,763	1,261,945
Oceania, not specified,	75	68	105	1,459,425	1,748,507	1,570,854
Africa,	102	122	144	1,048,387	1,355,980	1,979,930
Countries not specified,	123	114	137	11,820,893	11,600,217	11,690,011

¹ Since the same establishment may export goods to several different countries and is necessarily counted for each country, it is obvious that the items under this heading will not add to the total.

EXPORTS — BOOTS AND SHOES.

COUNTRIES.	NUMBER OF ESTABLISHMENTS REPORTING ¹			VALUE OF EXPORTS		
	1915	1916	1917	1915	1916	1917
Total.	195	202	187	\$27,272,966	\$29,126,724	\$17,412,649
Canada,	88	92	88	1,278,438	1,154,552	813,053
Mexico,	14	15	27	130,492	285,034	797,527
Central America,	17	17	15	111,359	177,666	104,161
South America,	42	35	29	849,842	873,442	560,328
West Indies,	-	-	-	2,443,371	3,319,809	3,899,554
Cuba,	116	117	112	2,244,426	2,661,338	2,322,006
Other West Indies,	62	63	53	203,845	657,371	477,548
Hawaii,	23	26	26	82,373	100,923	163,382
Europe,	-	-	-	21,323,870	21,581,630	9,780,689
Russia,	17	13	12	7,295,858	9,883,837	7,117,419
England,	50	56	27	1,309,946	2,716,042	927,098
France,	21	16	16	732,794	351,532	510,397
Italy,	25	23	10	10,315,627	7,605,306	456,104
Norway and Sweden,	6	19	15	106,393	315,116	171,905
Denmark,	5	11	8	142,146	212,001	113,006
Belgium,	4	3	-	1,135,633	244,756	-
Switzerland,	3	-	-	15,620	-	-
Germany,	4	-	-	6,670	-	-
Other Europe,	21	22	27	133,133	148,040	434,760
Oceania,	-	-	-	456,971	600,408	666,331
Australia,	15	11	9	43,326	74,551	30,753
Philippine Islands,	33	34	27	345,203	311,184	507,745
Oceania, not specified,	7	8	5	63,442	214,673	127,733
Asia,	-	-	-	33,794	189,636	199,676
China,	9	11	8	11,435	80,511	125,352
India,	7	9	5	27,359	109,125	45,572
Asia, not specified,	-	-	4	-	-	21,153
Africa,	23	23	23	260,931	411,846	633,597
Countries not specified,	15	17	31	321,625	432,378	396,551

¹ Since the same establishment may export goods to several different countries and is necessarily counted for each country, it is obvious that the items under this heading will not add to the total.

EXPORTS — BOOT AND SHOE CUT STOCK AND FINDINGS.

COUNTRIES.	NUMBER OF ESTABLISHMENTS REPORTING ¹			VALUE OF EXPORTS		
	1915	1916	1917	1915	1916	1917
Total.	120	127	109	\$2,325,667	\$4,962,473	\$1,712,170
Canada,	75	74	67	372,755	458,562	250,367
South America,	19	23	22	125,375	155,785	171,016
West Indies,	-	-	-	13,063	17,375	35,101
Cuba,	8	13	10	10,558	13,929	32,306
Other West Indies,	5	5	3	2,495	3,446	2,735
Europe,	-	-	-	1,668,176	4,016,048	1,094,763
England,	58	50	33	1,334,620	2,314,911	739,756
France,	10	14	8	50,455	815,392	231,954
Spain,	3	-	6	4,675	- ²	16,723
Norway and Sweden,	-	10	-	-	412,656	- ²
Holland,	4	4	-	133,607	111,707	- ²
Italy,	3	6	-	8,394	21,011	- ²
Switzerland,	3	-	-	45,224	- ²	- ²
Other Europe,	9	13	5	91,201	340,369	106,314
Oceania,	-	-	-	48,548	35,367	63,374
Australia,	13	10	12	35,444	23,672	43,304
Philippine Islands,	4	5	5	9,823	11,695	8,465
Oceania, not specified,	4	-	5	3,275	-	6,605
Africa,	3	-	5	2,303	-	4,505
Countries not specified,	17	30	23	105,463	219,333	93,055

¹ Since the same establishment may export to several different countries and is necessarily counted for each country, it is obvious that the items under this heading will not add to the total.

² Included in Other Europe, in order not to disclose the operations of individual establishments.

EXPORTS — COTTON GOODS.

COUNTRIES.	NUMBER OF ESTABLISHMENTS REPORTING ¹			VALUE OF EXPORTS		
	1915	1916	1917	1915	1916	1917
Total.	42	53	59	\$5,635,220	\$11,129,048	\$14,958,215
Canada,	27	35	42	262,167	734,921	879,417
Mexico,	-	-	8	-	-	224,181
Central America,	3	8	8	122,874	417,586	335,399
South America,	9	14	19	96,638	505,304	457,688
West Indies,	-	-	-	516,485	1,003,305	788,300
Cuba,	8	8	12	238,210	531,494	325,546
Other West Indies,	8	11	11	238,275	471,811	462,454
Europe,	-	-	-	788,179	2,089,991	5,344,571
England,	12	13	9	247,804	1,006,390	4,109,652
France,	5	-	5	398,318	- ²	557,165
Norway and Sweden,	-	-	10	-	-	287,801
Russia,	-	-	4	-	-	238,450
Other Europe,	5	18	13	92,057	1,023,601	151,303
Oceania,	-	-	-	397,543	100,830	399,835
Philippine Islands,	4	6	9	21,537	100,320	80,045
Oceania, not specified,	3	-	6	376,006	- ²	219,240
Africa,	-	5	4	-	8,791	10,089
Countries not specified,	17	19	24	3,506,344	6,338,330	6,569,485

¹ Since the same establishment may export goods to several different countries and is necessarily counted for each country, it is obvious that the items under this heading will not add to the total.

² Included in Other Europe, in order not to disclose the operations of individual establishments.

³ Included in Countries not specified, in order not to disclose the operations of individual establishments.

EXPORTS — FOUNDRY AND MACHINE-SHOP PRODUCTS.

COUNTRIES.	NUMBER OF ESTABLISHMENTS REPORTING ¹			VALUE OF EXPORTS		
	1915	1916	1917	1915	1916	1917
Total.	296	368	374	\$12,128,140	\$36,561,182	\$36,496,673
Canada,	243	271	184	1,002,170	2,060,773	4,427,529
British Provinces,	-	39	54	-	143,767	231,442
Mexico,	23	30	44	32,763	93,478	139,689
Central America,	15	24	31	20,027	106,228	264,892
South America,	58	74	106	361,742	566,368	1,358,184
West Indies,	-	-	-	205,774	680,483	638,118
Cuba,	39	59	68	152,978	511,245	468,516
Other West Indies,	23	29	34	52,796	149,238	164,596
Hawaii,	15	14	22	21,892	44,113	89,358
Europe,	-	-	-	8,989,589	29,986,493	29,563,664
England,	147	154	150	4,466,282	15,277,807	10,327,554
France,	69	85	103	2,146,962	4,328,421	8,525,364
Russia,	49	59	59	996,061	7,691,177	5,415,738
Italy,	40	49	62	425,678	1,630,765	1,113,955
Norway and Sweden,	10	44	34	31,303	178,139	314,793
Spain,	25	34	51	150,513	186,941	216,942
Switzerland,	4	5	12	11,690	6,389	58,621
Holland,	7	13	7	2,589	26,897	13,394
Denmark,	6	13	11	13,886	14,404	4,762
Germany,	17	4	-	213,651	36,131	-
Belgium,	4	5	-	3,503	14,680	- ²
Scotland,	3	3	-	27,355	7,634	- ³
Europe, not specified,	30	29	35	440,057	586,908	592,641
Oceania,	-	-	-	177,896	371,861	269,439
Australia,	24	26	29	88,359	217,753	45,943
Philippine Islands,	15	16	24	19,616	67,487	47,422
Oceania, not specified,	15	23	27	69,721	86,621	176,074
Asia,	-	-	-	151,269	545,631	1,653,069
Japan,	27	50	77	64,917	173,939	977,771
India,	14	12	23	43,819	60,864	356,440
China,	10	20	25	34,643	271,796	190,075
Asia, not specified,	3	9	14	7,890	39,022	128,803
Africa,	18	23	30	45,594	99,017	196,076
Countries not specified,	23	25	26	579,681	1,282,980	660,390

¹ Since the same establishment may export goods to several different countries and is necessarily counted for each country, it is obvious that the items under this heading will not add to the total.

² Included in Europe, not specified, in order not to disclose the operations of individual establishments.

EXPORTS—HOSIERY AND KNIT GOODS.

COUNTRIES.	NUMBER OF ESTABLISHMENTS REPORTING ¹			VALUE OF EXPORTS		
	1915	1916	1917	1915	1916	1917
Total.	15	19	18	\$1,461,763	\$2,386,489	\$2,445,059
Canada,	11	9	13	89,825	108,099	201,014
South America,	6	7	5	211,785	280,426	529,799
West Indies,	5	4	3	186,857	46,595	117,540
Hawaii,	3	3	-	24,331	24,284	- ²
Europe,	-	-	-	833,408	1,609,834	1,287,705
England,	8	8	5	833,402	1,116,898	1,002,944
France,	-	-	3	-	-	49,682
Norway and Sweden, .	-	4	4	-	30,208	26,996
Other Europe,	-	5	3	-	463,738	148,083
Oceania,	-	4	5	-	261,696	236,833
Countries not specified, .	11	7	6	165,563	54,555	82,168

¹ Since the same establishment may export goods to several different countries and is necessarily counted for each country, it is obvious that the items under this heading will not add to the total.

² Included in Countries not specified, in order not to disclose the operations of individual establishments.

EXPORTS — LEATHER, TANNED, CURRIED, AND FINISHED.

COUNTRIES.	NUMBER OF ESTABLISHMENTS REPORTING ¹			VALUE OF EXPORTS		
	1915	1916	1917	1915	1916	1917
Total.	38	42	40	\$11,556,369	\$12,255,709	\$10,946,483
Canada,	26	26	21	479,220	827,233	432,337
Mexico,	3	3	4	11,568	12,770	10,567
Central America,	4	3	3	48,958	6,185	46,335
South America,	9	14	14	717,006	935,973	1,012,382
West Indies,	—	—	—	166,487	363,715	397,523
Cuba,	12	11	15	148,949	310,193	306,945
Other West Indies,	5	4	6	17,538	43,522	27,578
Europe,	—	—	—	9,533,789	11,002,130	8,347,317
England,	30	27	19	6,810,581	5,379,181	3,012,080
France,	12	8	9	1,509,823	2,093,144	2,564,261
Italy,	7	10	9	124,796	643,789	890,089
Russia,	—	9	7	—	409,295	498,615
Norway and Sweden,	6	13	7	117,492	569,598	309,326
Spain,	6	6	5	109,598	421,789	352,884
Portugal,	—	—	4	—	—	136,921
Switzerland,	—	—	4	—	—	61,187
Holland,	—	5	—	—	102,380	— ²
Greece,	3	—	—	23,413	— ³	— ³
Other Europe,	12	14	8	838,026	1,382,959	552,504
Oceania,	—	—	—	89,375	449,847	186,896
Australia,	3	4	—	79,037	272,139	— ³
Philippine Islands,	5	3	4	10,348	19,956	23,533
Oceania, not specified,	—	5	6	—	150,152	157,362
Asia,	—	—	—	14,759	168,166	169,316
Japan,	4	5	5	1,359	41,173	20,385
China,	3	—	—	9,986	— ⁴	— ⁴
Asia, not specified,	3	6	5	3,394	124,993	145,930
Africa,	6	6	4	44,099	73,710	73,346
Countries not specified,	11	9	6	451,688	35,580	294,976

¹ Since the same establishment may export goods to several different countries and is necessarily counted for each country, it is obvious that the items under this heading will not add to the total.

² Included in Other Europe, in order not to disclose the operations of individual establishments.

³ Included in Oceania, not specified, in order not to disclose the operations of individual establishments.

⁴ Included in Asia, not specified, in order not to disclose the operations of individual establishments.

But, though the regulation of exports effected for military reasons interfered to some extent with the natural trade development in 1917, it should be understood that interest in exports on the part of manufacturers has by no means abated. On the contrary, the time has been spent in preparing for the extension of trade at the earliest favorable opportunity. Our manufacturers are forming associations of industries, allied by similar interests, for the purpose of effecting economies in the production and sale of goods which are marketable abroad, and export problems have been receiving much intensive study. If it is true — as seems probable, in view of the fact that considerable intermittent time is lost in the industry, especially between seasons — that with our present equipment we could produce all the shoes needed for the domestic trade in nine months of the year, it remains for us to reorganize the shoe business and to regularize production so that factories may be kept busy for the other three months in producing a supply for export, and, in passing, it may be remarked that manufacturers appreciate that their export trade should experience no recession from the high standard which is typical of Massachusetts-made goods, recognizing the fact that the export of inferior articles, especially in lines like boots and shoes, to rainy climates, such, for example, as Cuba or Panama, would in the long run prove to be very poor economy.

Destination of Exports.

With the progressive restriction of exports there followed also a development of governmental control of the agencies of ocean transportation and, therefore, it may again be pointed out that the statistics for 1917 represent practically a period of scarcely six months. It will be noted, however, that to countries easy of access or where the means of transportation suffered little interruption, as, for example, Canada, South America, and the West Indies, the volume of exports rose in the aggregate from \$32,839,553 in 1916 to \$42,441,398 in 1917.

In the data which follow, the general statistics of manufactures are given for each of the seven leading industries for the decade 1907-1917:

Boots and Shoes (exclusive of Cut Stock and Findings).**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$188,127,176	-	-
1908,	169,957,116	\$18,170,060 ¹	9.7 ¹
1909,	187,045,767	17,088,651	10.1
1910,	190,856,515	3,810,748	2.0
1911,	196,896,074	6,041,559	3.2
1912,	209,489,087	12,590,903	6.4
1913,	216,667,911	7,178,874	3.4
1914,	200,529,858	16,138,053 ¹	7.4 ¹
1915,	204,042,623	3,512,765	1.8
1916,	269,263,600	65,220,977	32.0
1917,	307,196,759	37,932,159	14.1
Increase for the ten-year period,	-	119,068,593	63.3

(b) Stock and Materials.

1907,	\$118,399,291	-	-
1908,	104,171,604	\$14,227,687 ¹	12.0 ¹
1909,	114,277,189	10,106,585	9.7
1910,	115,624,486	1,347,297	1.2
1911,	119,330,298	3,705,812	3.2
1912,	125,659,585	6,329,287	5.3
1913,	130,961,171	5,201,586	4.2
1914,	120,225,680	10,735,491 ¹	8.1 ¹
1915,	123,977,758	3,652,078	3.0
1916,	169,063,974	45,086,216	36.4
1917,	197,504,913	28,441,939	16.8
Increase for the ten-year period,	-	79,105,622	66.8

(c) Wages Paid.

1907,	\$42,025,242	-	-
1908,	38,959,428	\$3,065,814 ¹	7.3 ¹
1909,	41,970,496	3,011,070	7.7
1910,	45,171,454	3,200,958	7.6
1911,	47,259,721	2,088,267	4.6
1912,	49,596,284	2,336,563	4.9
1913,	50,770,186	1,173,901	2.4
1914,	46,743,858	4,026,327 ¹	7.9 ¹
1915,	45,325,273	1,418,585 ¹	3.0 ¹
1916,	57,134,891	11,809,618	26.1
1917,	56,217,297	917,594 ¹	1.6 ¹
Increase for the ten-year period,	-	14,192,055	33.8

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907,	72,671	-	-
1908,	69,250	3,421 ¹	4.7 ¹
1909,	74,710	5,460	7.9
1910,	77,000	2,290	3.1
1911,	79,542	2,542	3.3
1912,	81,962	2,420	3.0
1913,	81,228	734 ¹	0.9 ¹
1914,	76,944	4,284 ¹	5.3 ¹
1915,	74,545	2,396 ¹	3.1 ¹
1916,	84,051	9,503	12.7
1917,	77,475	6,576 ¹	7.8 ¹
Increase for the ten-year period,	-	4,804	6.6

¹ Decrease.

Cotton Goods (including Cotton Small Wares).*(a) Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$190,148,422	-	-
1908.	156,048,533	\$34,099,889 ¹	17.9 ¹
1909.	186,462,313	30,413,780	19.5
1910.	192,777,722	6,315,409	3.4
1911.	183,121,235	9,656,487 ¹	5.0 ¹
1912.	189,010,823	5,889,588	3.2
1913.	211,985,220	22,974,397	12.2
1914.	197,322,111	14,663,109 ¹	6.9 ¹
1915.	197,594,533	272,423	0.1
1916.	275,484,046	77,889,513	39.4
1917.	404,621,969	129,137,923	46.9
Increase for the ten-year period, .	-	214,473,547	112.8

(b) Stock and Materials.

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$105,499,029	-	-
1908.	92,961,308	\$12,547,721 ¹	11.9 ¹
1909.	106,156,794	12,205,486	13.1
1910.	121,880,780	16,723,986	16.9
1911.	119,879,589	2,001,191 ¹	1.6 ¹
1912.	115,079,461	4,800,138 ¹	4.0 ¹
1913.	128,604,514	13,525,063	11.8
1914.	119,834,234	8,770,180 ¹	6.8 ¹
1915.	110,090,790	9,743,544 ¹	8.1 ¹
1916.	158,962,771	48,861,981	44.4
1917.	244,873,175	85,920,404	54.1
Increase for the ten-year period, .	-	139,374,146	132.1

(c) Wages Paid.

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$45,063,459	-	-
1908.	40,228,037	\$4,835,422 ¹	10.7 ¹
1909.	45,117,069	4,889,032	12.2
1910.	44,857,100	269,969 ¹	0.6 ¹
1911.	44,744,628	112,473 ¹	0.3 ¹
1912.	48,943,728	4,199,100	9.4
1913.	53,156,512	4,212,784	8.6
1914.	60,706,040	2,450,473 ¹	4.6 ¹
1915.	52,395,707	1,689,667	3.3
1916.	62,673,943	10,278,236	19.6
1917.	77,620,912	14,946,969	23.8
Increase for the ten-year period, .	-	32,557,463	72.2

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907.	101,862	-	-
1908.	91,645	10,217 ¹	10.0 ¹
1909.	106,914	17,269	18.8
1910.	106,804	110 ¹	0.1 ¹
1911.	109,683	879	0.8
1912.	112,384	2,701	2.5
1913.	115,837	3,453	3.1
1914.	113,559	2,278 ¹	2.0 ¹
1915.	113,223	336 ¹	0.3 ¹
1916.	116,186	2,963	2.6
1917.	119,946	3,760	3.2
Increase for the ten-year period, .	-	18,064	17.8

¹ Decrease.

Electrical Machinery, Apparatus, and Supplies.**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$26,692,284	-	-
1908.	18,065,968	\$8,626,316 ¹	32.3 ¹
1909.	28,142,889	10,076,921	55.8
1910.	32,036,393	3,893,504	13.8
1911.	36,419,385	4,383,002	13.7
1912.	47,964,936	11,545,551	31.7
1913.	54,433,691	6,468,755	13.5
1914.	43,869,294	10,564,397 ¹	19.4 ¹
1915.	43,336,337	533,957 ¹	1.2 ¹
1916.	66,369,513	22,034,176	50.8
1917.	87,995,439	22,625,926	34.6
Increase for the ten-year period.	-	61,303,156	229.7

(b) Stock and Materials.

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$11,830,975	-	-
1908.	8,569,255	\$3,261,720 ¹	27.6 ¹
1909.	12,734,820	4,165,565	48.6
1910.	16,352,531	3,617,711	28.4
1911.	14,903,562	1,448,969 ¹	8.9 ¹
1912.	22,314,895	7,411,333	49.7
1913.	26,133,498	2,818,598	12.6
1914.	17,696,907	7,436,586 ¹	29.6 ¹
1915.	18,668,861	971,954	5.5
1916.	30,256,548	11,587,687	62.1
1917.	38,904,164	8,647,616	28.6
Increase for the ten-year period.	-	27,073,189	228.8

(c) Wages Paid.

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$7,260,068	-	-
1908.	5,884,393	\$1,375,675 ¹	18.9 ¹
1909.	8,209,174	2,324,781	39.5
1910.	10,421,310	2,212,136	26.9
1911.	10,818,142	396,832	3.8
1912.	12,645,825	1,827,683	16.9
1913.	14,352,758	1,706,933	13.5
1914.	10,661,133	3,701,625 ¹	25.8 ¹
1915.	11,586,027	924,894	8.8
1916.	16,023,876	4,437,849	38.3
1917.	20,683,257	4,659,381	29.1
Increase for the ten-year period.	-	13,423,189	184.9

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907.	18,453	-	-
1908.	10,538	2,915 ¹	21.7 ¹
1909.	14,507	3,969	37.7
1910.	17,363	2,856	19.7
1911.	17,879	516	3.0
1912.	20,317	2,438	13.6
1913.	23,437	2,120	10.4
1914.	17,125	5,312 ¹	23.7 ¹
1915.	17,342	217	1.3
1916.	22,355	4,913	28.3
1917.	23,883	1,527	7.3
Increase for the ten-year period.	-	10,439	77.5

¹ Decrease.

Foundry and Machine-Shop Products.¹**(a) Product.**

YEAR.	Value	Increase	Per Cent of Increase
1907. ²	-	-	-
1908.	\$63,942,052	-	-
1909.	86,925,671	\$22,983,619	35.9
1910.	98,780,612	6,854,941	7.9
1911.	84,749,695	9,080,917 ³	9.6 ³
1912.	89,270,280	4,520,585	5.3
1913.	90,948,688	1,678,408	1.9
1914.	85,638,612	5,310,071 ³	5.8 ³
1915.	108,960,727	18,322,115	21.4
1916.	175,876,112	71,915,385	69.2
1917.	247,378,971	71,502,859	40.7
Increase for the nine-year period,	-	183,436,919	286.9

(b) Stock and Materials.

1907. ²	-	-	-
1908.	\$24,172,496	-	-
1909.	31,182,000	\$7,009,504	29.0
1910.	34,892,189	3,710,189	11.9
1911.	30,689,146	4,208,043 ³	12.0 ³
1912.	33,222,189	2,532,993	8.3
1913.	34,734,309	1,512,170	4.6
1914.	30,989,323	3,744,686 ³	10.8 ³
1915.	39,964,325	8,974,702	29.0
1916.	71,540,343	31,575,918	79.0
1917.	112,026,303	40,486,060	56.6
Increase for the nine-year period,	-	87,858,607	368.4

(c) Wages Paid.

1907. ²	-	-	-
1908.	\$21,092,732	-	-
1909.	27,032,000	\$5,939,268	28.2
1910.	31,652,766	4,620,766	17.1
1911.	29,195,856	2,457,410 ³	7.8 ³
1912.	30,192,836	997,470	3.4
1913.	31,607,108	1,414,282	4.7
1914.	28,117,771	3,489,337 ³	11.0 ³
1915.	32,888,216	4,770,445	17.0
1916.	51,962,795	19,074,579	58.0
1917.	66,518,198	14,555,403	28.0
Increase for the nine-year period,	-	45,425,466	215.4

(d) Wage-Earners.

YEAR.	Number	Increase	Per Cent of Increase
1907. ²	-	-	-
1908.	35,085	-	-
1909.	44,179	9,144	26.1
1910.	49,063	4,884	11.1
1911.	45,004	4,069 ³	8.3 ³
1912.	45,543	539	1.2
1913.	45,814	271	0.6
1914.	41,361	4,453 ³	9.7 ³
1915.	45,640	4,279	10.3
1916.	65,661	20,021	43.9
1917.	72,608	6,947	10.6
Increase for the nine-year period,	-	37,573	107.2

¹ In accordance with the Census grouping, this industry includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

² Comparable figures are not available.

³ Decrease.

Leather, Tanned, Curried, and Finished.

(a) *Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$46,908,784	-	-
1908.	41,613,182	\$5,290,602 ¹	11.3 ¹
1909.	40,002,079	1,611,103 ¹	3.9 ¹
1910.	41,544,435	1,542,346	3.9
1911.	41,701,686	157,261	0.4
1912.	51,987,780	10,286,094	24.7
1913.	46,674,470	5,313,310 ¹	10.2 ¹
1914.	45,265,434	1,409,036 ¹	3.0 ¹
1915.	45,333,398	117,964	0.3
1916.	73,868,509	28,475,111	62.7
1917.	75,976,998	2,118,489	2.9
Increase for the ten-year period,	-	29,073,214	62.0

(b) *Stock and Materials.*

1907.	\$34,364,843	-	-
1908.	29,850,511	\$4,514,332 ¹	13.1 ¹
1909.	28,765,506	1,085,003 ¹	3.6 ¹
1910.	30,346,759	1,581,251	5.5
1911.	30,180,956	185,803 ¹	0.6 ¹
1912.	37,353,493	7,192,537	23.8
1913.	34,744,413	2,609,080 ¹	7.0 ¹
1914.	33,194,061	1,550,352 ¹	4.5 ¹
1915.	30,120,390	3,073,771 ¹	9.3 ¹
1916.	49,898,903	19,778,613	65.7
1917.	54,063,568	4,164,665	8.3
Increase for the ten-year period,	-	19,698,725	57.3

(c) *Wages Paid.*

1907.	\$5,284,363	-	-
1908.	4,959,120	\$325,243 ¹	6.2 ¹
1909.	5,443,944	484,824	9.8
1910.	5,808,631	364,687	6.7
1911.	5,604,360	204,271 ¹	3.5 ¹
1912.	6,625,375	1,021,015	18.2
1913.	6,133,334	492,041 ¹	7.4 ¹
1914.	5,918,205	220,179 ¹	3.6 ¹
1915.	5,981,473	63,267	1.1
1916.	9,052,376	3,070,904	51.3
1917.	9,630,746	578,370	6.4
Increase for the ten-year period,	-	4,346,384	82.3

(d) *Wage-Earners.*

YEAR.	Number	Increase	Per Cent of Increase
1907.	10,156	-	-
1908.	9,237	929 ¹	9.1 ¹
1909.	10,253	1,025	11.1
1910.	10,691	439	4.3
1911.	9,908	783 ¹	7.4 ¹
1912.	11,373	1,469	14.8
1913.	10,331	1,051 ¹	9.2 ¹
1914.	10,164	157 ¹	1.5 ¹
1915.	10,185	21	0.2
1916.	12,898	2,653	26.3
1917.	11,701	1,167 ¹	9.1 ¹
Increase for the ten-year period,	-	1,545	15.2

¹ Decrease.

Paper and Wood Pulp.

(a) *Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907,	\$42,707,680	-	-
1908,	32,087,321	\$10,620,359 ¹	24.9 ¹
1909,	40,006,713	8,009,392	25.0
1910,	48,020,325	2,923,612	7.3
1911,	44,951,237	1,980,912	4.5
1912,	47,328,049	2,376,812	5.1
1913,	48,402,886	1,174,837	2.5
1914,	48,882,545	5,060,341 ¹	10.4 ¹
1915,	44,060,579	708,034	1.6
1916,	70,497,353	26,436,779	60.0
1917,	77,719,733	7,222,425	10.3
Increase for the ten-year period,	-	35,012,108	83.0

(b) *Stock and Materials.*

1907,	\$23,927,908	-	-
1908,	18,093,119	\$5,834,789 ¹	24.4 ¹
1909,	22,849,613	4,256,494	23.5
1910,	25,869,709	3,630,156	15.8
1911,	27,258,974	1,389,265	5.4
1912,	29,000,736	1,741,762	6.4
1913,	29,281,380	980,644	3.2
1914,	26,610,748	3,330,632 ¹	11.1 ¹
1915,	25,758,604	852,144 ¹	3.2 ¹
1916,	41,435,134	15,676,530	60.9
1917,	48,121,923	6,686,789	16.1
Increase for the ten-year period,	-	24,194,015	101.1

(c) *Wages Paid.*

1907,	\$6,735,401	-	-
1908,	5,569,968	\$1,165,433 ¹	17.3 ¹
1909,	6,541,626	971,658	17.4
1910,	6,871,253	339,617	5.0
1911,	7,169,660	298,407	4.3
1912,	7,791,973	622,313	8.7
1913,	8,197,440	405,467	5.2
1914,	7,548,620	648,820 ¹	7.9 ¹
1915,	7,390,568	158,052 ¹	2.1 ¹
1916,	9,518,226	2,127,658	28.8
1917,	11,556,445	2,038,219	21.4
Increase for the ten-year period,	-	4,831,044	71.6

(d) *Wage-Earners.*

YEAR.	Number	Increase	Per Cent of Increase
1907,	13,546	-	-
1908,	11,390	2,156 ¹	15.9 ¹
1909,	12,848	1,458	12.8
1910,	13,382	534	4.2
1911,	13,811	429	3.2
1912,	14,006	285	2.1
1913,	14,352	256	1.8
1914,	13,401	951 ¹	6.6 ¹
1915,	13,147	254 ¹	1.9 ¹
1916,	14,160	1,013	7.7
1917,	14,165	5	-.3
Increase for the ten-year period,	-	619	4.6

¹ Decrease.² Less than one-tenth of one per cent.

Woolen and Worsted Goods (including Felt Goods).

(a) *Product.*

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$131,103,821	-	-
1908.	104,584,730	\$26,519,091 ¹	20.2 ¹
1909.	140,665,084	36,080,304	34.5
1910.	123,214,640	17,450,394 ¹	12.4 ¹
1911.	116,201,830	7,012,810 ¹	5.7 ¹
1912.	136,557,545	20,355,715	17.5
1913.	122,495,093	14,062,452 ¹	10.3 ¹
1914.	130,348,514	7,853,421	6.4
1915.	143,623,515	13,280,001	10.2
1916.	210,158,989	66,530,474	46.3
1917.	312,505,980	102,346,991	49.2
Increase for the ten-year period.	-	182,402,159	139.1

(b) *Stock and Materials.*

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$31,118,493	-	-
1908.	62,757,850	\$31,639,357 ¹	21.4 ¹
1909.	87,396,605	24,638,755	36.9
1910.	79,468,230	10,833,325 ¹	12.4 ¹
1911.	74,859,465	4,608,815 ¹	2.1 ¹
1912.	85,548,580	10,687,115	14.3
1913.	74,770,943	10,776,637 ¹	12.6 ¹
1914.	83,077,423	8,306,480	11.1
1915.	90,080,429	7,003,006	8.4
1916.	130,398,361	40,318,432	44.8
1917.	196,401,311	66,002,450	50.6
Increase for the ten-year period.	-	115,232,318	142.1

(c) *Wages Paid.*

YEAR.	Value	Increase	Per Cent of Increase
1907.	\$22,892,835	-	-
1908.	19,069,667	\$3,823,178 ¹	16.7 ¹
1909.	24,258,843	5,189,186	27.2
1910.	22,274,149	1,984,694 ¹	8.2 ¹
1911.	22,718,615	444,466	2.0
1912.	26,699,717	3,981,102	17.5
1913.	24,381,894	2,317,823 ¹	8.7 ¹
1914.	27,363,082	2,981,188	12.2
1915.	26,367,140	995,942 ¹	3.6 ¹
1916.	34,989,748	8,622,608	32.7
1917.	44,550,168	9,560,420	27.3
Increase for the ten-year period.	-	21,667,333	94.6

(d) *Wage-Earners.*

YEAR.	Number	Increase	Per Cent of Increase
1907.	50,093	-	-
1908.	42,540	7,553 ¹	15.1 ¹
1909.	53,195	10,655	25.0
1910.	49,273	3,922 ¹	7.4 ¹
1911.	49,276	3	-
1912.	54,453	5,177	10.5
1913.	50,519	3,934 ¹	7.2 ¹
1914.	54,255	3,736	7.4
1915.	53,268	987 ¹	1.8 ¹
1916.	57,798	4,530	8.5
1917.	59,534	2,036	3.5
Increase for the ten-year period.	-	9,741	19.4

¹ Decrease.² Less than one-tenth of one per cent.

CITIES AND TOWNS.

In Tables 1b and 1e, respectively, will be found the presentation of statistics for the cities and towns of the State. All of the cities, without exception, show increase in product value, the aggregate in 1917 being \$2,304,714,396, or 76.3 per cent of the state total, \$3,020,557,545. In cities where the factories were largely engaged in war work, high percentages of increase appear: *Quincy*, 61.3; *Pittsfield*, 59.9; *Chicopee*, 57.1; *Cambridge*, 34.1. Cities like *Gloucester* and *Somerville*, specializing in food products, also exhibit high percentages of gain, 63 and 35 per cent, respectively, due to the rise in price of fish and the advance in price of pork products. In *Fall River*, *Lawrence*, and *New Bedford* price increase of more than one-third is apparent, the value of goods made in *Fall River* showing increase of 34 per cent, *Lawrence* and *New Bedford*, 45 and 46 per cent, respectively. Other cities showing high percentages of increase are *Everett*, 48.8; *Woburn*, 41.3; *Taunton*, 39.6; and *North Adams*, 35.3 per cent. The increase in value of goods made in *Boston* amounted to 18.3 per cent, in *Worcester*, 27.3 per cent, and in *Springfield*, 29 per cent. In all of these cities, *Gloucester* and *Fall River* excepted, the number of wage-earners in 1917 was greater than in the preceding year, the largest numerical increase, 4,188, being credited to *Boston*, the number of wage-earners in manufacturing industries rising from 84,575 in 1916 to 88,763 in 1917. *Worcester* follows closely with an increase of 3,247 wage-earners, the total rising from 38,538 to 41,785. Not all of the cities in the State, however, show increase in number of wage-earners. *Lowell*, notwithstanding increased activity in the manufacture of ammunition, shows decline in the total number of wage-earners, from 37,207 in 1916 to 36,348 in 1917; the falling off in *Lynn* from 28,183 in 1916 to 25,773 in 1917, due to the closing of the boot and shoe factories for a period covering nearly six months, is particularly noted; and likewise, other cities whose principal activity is the manufacture of boots and shoes generally show decline in number of wage-earners, *Brockton* falling from 16,454 to 16,223, notwithstanding the fact that in this city in 1917 quite a few of the factories extended their lines to the production of women's shoes,

some of them being branches of the suspended Lynn establishments; wage-earners in *Haverhill* declined from 15,960 to 15,800.

The total output of the *towns* of the State amounted to \$715,843,149, busy centers being *Watertown* where, exclusive of the operations of the Watertown arsenal, the value of product rose from \$20,932,897 in 1916 to \$35,021,584 in 1917 and the number of wage-earners from 6,462 to 8,554; and the town of *Framingham*, identified in 1917 with the manufacture of military equipment, which increased in value of product from \$11,239,927 to \$14,799,969 and in number of wage-earners from 4,610 in 1916 to 4,746 in 1917. Gains are shown also both in value of product and number of wage-earners for *Athol*, specializing in the manufacture of small machine tools, *Plymouth*, making cordage and jute goods, and *Amesbury*, making munitions. Many of the towns exhibiting increased product value show slight decline in the average number of wage-earners as compared with 1916, giving evidence of migration to centers where war orders were abundant. The following table, for cities, brings together the statistics for value of product since 1895, in considering which, due allowance should be made for the advance in prices in the years 1916 and 1917:

THE 37 CITIES.

[Arranged in order of Product Value in 1917.]

CITIES.	VALUE OF PRODUCT									
	FIVE-YEAR PERIODS (GENUS YEARS)					ONE-YEAR PERIODS				
	1895	1899	1904	1909	1914	1915	1916	1917		
The State.	\$734,652,132	\$997,636,489	\$1,124,692,061	\$1,490,529,286	\$1,641,372,047	\$1,692,445,266	\$2,249,832,068	\$2,029,857,545		
Per cent of increase,	-	33.6	23.8	38.6	10.1	-	38.8	28.8		
Boston,	130,423,010	162,704,523	184,351,103	227,457,472	284,802,470	271,999,462	333,493,371	418,096,890		
Per cent of increase,	-	24.8	13.3	38.8	19.9	-	30.0	18.3		
Worcester,	34,771,192	46,793,372	52,144,965	77,147,894	82,829,256	99,334,217	151,451,932	192,332,228		
Per cent of increase,	-	34.6	11.4	47.9	7.4	-	68.6	27.3		
Lawrence,	26,389,131	41,741,980	48,036,593	79,992,668	73,177,303	79,406,521	120,180,973	174,496,689		
Per cent of increase,	-	58.2	15.1	66.5	8.5 ¹	-	61.4	45.2		
New Bedford,	18,037,142	23,397,491	29,469,349	53,237,589	65,575,005	69,245,842	102,431,084	149,596,696		
Per cent of increase,	-	26.6	26.0	80.7	25.2	-	47.9	46.0		
Lowell,	36,645,119	41,202,984	46,879,212	60,370,061	56,043,641	62,517,657	98,771,236	120,115,231		
Per cent of increase,	-	18.4	15.8	28.6	7.0 ¹	-	60.0	28.1		
Fall River,	32,320,351	39,102,710	43,473,105	64,145,736	64,663,146	62,664,612	88,234,563	118,052,770		
Per cent of increase,	-	21.0	11.8	47.6	0.8	-	40.3	34.5		
Lynn,	31,720,744	39,347,493	55,008,023	71,593,140	69,783,418	69,465,451	104,085,645	112,590,818		
Per cent of increase,	-	24.0	39.8	30.0	9.4 ¹	-	49.3	9.1		
Cambridge,	34,246,041	50,092,103	42,407,064	44,227,395	57,493,049	58,423,407	75,743,013	101,506,408		
Per cent of increase,	-	16.0 ¹	45.8	4.3	30.0	-	29.6	31.1		
Brookton,	20,463,248	24,855,362	37,790,963	45,972,388	51,259,131	55,322,875	69,719,966	78,071,636		
Per cent of increase,	-	22.0	68.0	21.6	11.5	-	26.3	18.0		

¹ Decrease.

THE 37 CITIES:—Concluded.

CITIES.	VALUE OF PRODUCT									
	FIVE-YEAR PERIODS (CENSUS YEARS)					ONE-YEAR PERIODS				
	1895	1899	1904	1909	1914	1915	1916	1917		
Somerville, Per cent of increase,	\$14,113,045	\$20,064,519 48.2	\$22,955,107 14.4	\$38,686,597 68.6	\$43,971,291 13.7	\$44,946,443	\$56,812,948 26.4	\$76,710,204 36.0		
Springfield, Per cent of increase,	13,899,293	18,155,071 30.6	25,860,250 43.4	31,772,815 22.9	44,438,854 39.8	43,415,063	58,279,406 34.3	75,159,074 29.0		
Holyoke, Per cent of increase,	20,751,478	24,092,610 16.1	30,731,332 27.6	40,097,224 30.6	44,041,155 9.8	39,709,303	64,413,927 68.8	73,172,192 13.6		
Haverhill, Per cent of increase,	19,125,053	23,418,790 22.6	24,446,594 4.4	35,376,617 44.7	42,409,246 19.9	43,920,078	61,113,140 39.1	68,700,388 13.4		
Chicopee, Per cent of increase,	6,280,298	5,388,930 14.2	7,715,653 43.2	19,219,166 149.1	28,869,152 60.3	30,384,416	42,451,504 39.7	66,065,247 67.1		
Fitchburg, Per cent of increase,	9,168,539	13,008,021 41.9	15,390,507 18.3	23,252,155 61.1	23,983,352 3.1	25,066,676	37,802,221 49.6	50,315,457 33.9		
Pittsfield, Per cent of increase,	5,289,984	5,753,546 8.8	8,577,358 49.1	15,215,202 77.4	22,241,237 46.3	19,302,735	26,553,198 37.6	43,466,891 69.9		
Peabody, ² Per cent of increase,	— ³	— ³	10,236,669	15,548,732 61.9	18,441,906 18.6	20,684,662	32,316,935 66.3	37,221,546 16.3		
Taunton, Per cent of increase,	9,199,890	11,544,150 25.6	13,644,596 18.2	15,379,891 12.7	15,885,812 3.3	17,967,406	26,480,092 47.3	36,885,574 39.6		
Everett, Per cent of increase,	1,390,976	4,437,180 219.0	6,135,650 38.3	8,746,923 43.6	13,219,200 61.1	13,968,715	18,914,794 36.6	28,138,306 48.8		
Quincy, Per cent of increase,	3,055,338	3,011,950 1.4	8,982,446 198.2	10,505,403 17.0	12,007,452 16.3	16,092,193	17,375,263 7.4	27,866,513 61.3		
Chelsea, Per cent of increase,	8,140,290	9,518,700 16.9	13,879,159 45.8	17,002,492 22.5	16,971,028 0.3	17,380,766	21,264,940 23.1	26,176,185 23.1		
North Adams, Per cent of increase,	8,831,551	10,741,495 21.6	8,035,705 26.2	10,314,847 38.4	10,922,575 2.9	12,263,066	18,664,256 58.3	25,298,196 26.3		

Salem, Per cent. of increase,	9,195,843	10,711,026 16.5	12,202,217 13.9	14,576,276 19.5	13,652,596 6.3 ¹	11,444,008	20,182,859 76.4	22,530,795 11.6
Attleboro, Per cent. of increase,	—	—	10,060,394	15,160,359 60.8	13,946,394 8.0 ¹	13,960,696	20,148,405 44.8	21,184,667 5.1
Leominster, Per cent. of increase,	—	—	7,501,720	10,530,815 40.4	10,838,024 2.9	10,205,698	13,989,764 37.1	17,793,694 26.8
Gloucester, Per cent. of increase,	4,733,479	6,302,773 33.9	6,920,984 10.0	7,758,453 13.0	8,532,964 10.1	8,901,194	10,579,043 18.8	17,371,176 63.5
Woburn, Per cent. of increase,	5,280,639	4,002,876 24.5 ¹	4,654,067 16.5	5,408,081 16.8	5,517,306 2.0	8,706,914	11,273,913 29.5	15,980,708 41.3
Malden, Per cent. of increase,	6,542,307	6,602,462 0.9	11,235,635 70.8	8,305,532 27.0 ¹	8,966,344 8.0	9,837,244	11,457,093 16.9	15,713,324 36.8
Waltham, Per cent. of increase,	4,199,261	5,889,792 40.5	7,149,897 21.4	7,814,178 9.3	10,226,913 31.0	10,987,073	13,751,802 25.7	15,470,402 12.5
Newburyport, Per cent. of increase,	4,732,423	5,140,554 8.6	6,809,979 33.5	6,931,049 1.8	8,245,908 19.0	8,060,969	12,023,643 48.6	14,947,763 24.3
Marlborough, Per cent. of increase,	5,378,915	4,498,385 14.8 ¹	7,463,849 66.0	10,353,377 39.0	9,683,632 8.3 ¹	13,395,321	12,655,649 5.1	14,848,743 17.3
Beverly, Per cent. of increase,	3,006,533	3,781,498 25.8	4,101,168 8.5	8,652,547 111.0	8,774,187 1.4	9,034,169	12,979,337 34.7	14,301,841 10.8
Northampton, Per cent. of increase,	3,913,365	4,700,830 20.5	5,756,381 23.5	6,996,992 21.6	8,580,730 23.6	8,725,939	11,066,304 26.7	13,051,646 23.5
Newton, Per cent. of increase,	3,304,066	3,679,373 11.4	4,140,996 13.5	6,278,714 51.6	5,323,853 7.5 ¹	5,646,200	7,846,439 39.0	10,873,941 38.6
Malrose, Per cent. of increase,	2,857,533	3,416,240 19.6	9,450,929 176.6	2,824,600 70.1 ¹	2,400,029 11.5 ¹	3,023,398	3,832,135 11.9	4,332,600 29.6
Medford, Per cent. of increase,	1,015,379	1,132,131 11.5	871,820 25.0 ¹	2,045,289 134.6	2,013,893 26.0	2,186,266	2,839,379 29.4	3,193,261 12.9
Beverly, Per cent. of increase,	—	—	355,040	407,336 14.7	349,606 14.8 ¹	406,357	662,537 53.6	926,500 39.8

¹ Decrease.² Incorporated as a city January 1, 1917.³ Comparable figures not available.

METROPOLITAN BOSTON.

The data for Metropolitan Boston, by industries, are given in Table 1c and for the cities and towns comprising the district in Table 1d. The aggregate value of product in 1917, \$947,853,776, exceeded the total for 1916, \$765,026,022, by \$182,827,754, or 23.9 per cent, while the average number of wage-earners rose from 191,265 in 1916 to 200,106, or an increase of 4.6 per cent. The district, comprising 39 cities and towns with a wide range of manufacturing interests, gave employment to 28.2 per cent of all the wage-earners employed in manufacturing industries in the State in 1917, and produced nearly one-third (31 per cent) of the total output. Industries showing remarkable increase in product are: *Foundry and machine-shop products*, which rose from \$45,809,470 in 1916 to \$61,808,970 in 1917, or 34.9 per cent; *Hosiery and knit goods*, rising from \$8,346,624 to \$12,256,512, or 46.8 per cent; *Rubber goods, not elsewhere specified*, from \$5,135,783 to \$14,019,632, or 173 per cent; and *Slaughtering and meat-packing*, from \$48,385,238 to \$67,844,332, or 40.2 per cent.

The following table gives the principal data for the years 1909 to 1917, inclusive:

METROPOLITAN BOSTON.

YEARS.	Number of Establishments	Value of Product	Value of Stock and Materials Used	Wages Paid	Average Number of Wage-Earners
1909, ¹	5,025	\$510,583,337	\$284,354,062	\$93,125,349	165,891
1910,	3,238	488,497,178	292,089,565	92,458,169	160,797
1911,	3,375	502,627,771	294,046,863	95,871,777	163,488
1912,	3,507	545,310,724	320,468,150	102,820,146	171,272
1913,	3,584	560,390,104	326,070,384	107,031,822	172,594
1914, ¹	5,153	584,115,582	323,455,579	107,139,932	172,375
1915,	4,139	583,796,410	331,294,109	106,341,566	166,017
1916,	4,340	765,026,022	442,320,482	131,954,794	191,265
1917,	4,409	947,853,776	564,318,619	156,950,905	200,106

¹ Census year; not strictly comparable with corresponding figures for 1910, 1911, 1912, 1913, 1915, 1916 and 1917, because of the omission in the non-censal years of certain classes of establishments, chiefly those having no wage-earners and those engaged in the publishing branch of the printing and publishing industry.

CHARACTER OF OWNERSHIP AND VALUE ADDED BY MANUFACTURE.

Table II, pages 45 to 48, presents for 19 selected industries statistics concerning the character of ownership of manufacturing enterprises in 1917, grouped as individual, corporation, and other, — the last named group consisting of firms, co-operative associations, or other form of management which could not be classed as either individuals or as corporations.

Of the 9,865 establishments reporting, those operated under individual ownership, 4,092, represented 41.5 per cent of the total number, only slightly more than the number of incorporated companies, 3,980, which represented 40.3 per cent of the total, — the remaining 18.2 per cent being other forms of organization. But while the *number* of establishments is practically identical for individual and corporate ownership, the value of product in establishments operated by individuals, \$155,269,650 in 1917, was only 5.2 per cent of the total output of the State, \$3,020,557,545, whereas the product of establishments owned by corporations was upwards of two and one-half billions of dollars, \$2,635,007,970, or 87.2 per cent of the total.

The tendency towards the control by corporations of a larger proportion of the manufacturing interests of the State continues to be apparent, especially in our principal industries. Establishments operated by corporations in *Boots and shoes* in 1917 produced 80.7 per cent of the output and employed 78.5 per cent of the wage-earners; in *Cotton goods, including Cotton small wares*, they controlled 98 per cent of both product and wage-earners; in *Electrical machinery, apparatus, and supplies*, 98.6 per cent of the product and 99.2 per cent of the wage-earners; in *Foundry and machine-shop products* practically 92 per cent of both product and wage-earners; in *Paper and wood pulp*, and in *Woolen, worsted, and felt goods*, respectively, 89 and 91 per cent of both product and wage-earners. It will be noted also that other industries such as *Automobiles, including bodies and parts*, *Confectionery*, and *Musical instruments, pianos and organs, and materials*, where considerable investment in plant and machinery is required, are to a large extent in the hands of corporations.

VALUE ADDED BY MANUFACTURE.

In the last column of the table, statistics are presented for *value added by manufacture*, the figures given being obtained by subtracting the cost of materials from the value of products. The value added by manufacture is sometimes regarded as the best measure of the importance of an industry, because it emphasizes additional wealth created by the manufacturing processes. On this basis, *Foundry and machine-shop products* appears second in rank in 1917, preceded only by *Cotton goods, including Cotton small wares*, the other industries finding place as follows:

	Value added by Manufacture		Gross Value
All Industries.	\$1,228,117,191	All Industries.	\$2,629,557,545
Cotton goods, including cotton small wares,	159,748,794	Cotton goods, including cotton small wares,	404,621,900
Foundry and machine-shop products,	135,352,068	Boots and shoes, including cut stock and findings,	403,878,555
Boots and shoes, including cut stock and findings,	127,608,276	Woolen, worsted, and felt goods,	313,505,980
Woolen, worsted, and felt goods,	117,104,669	Foundry and machine-shop products,	247,378,971
Electrical machinery, apparatus, and supplies,	49,091,275	Electrical machinery, apparatus, and supplies,	87,995,439
Paper and wood pulp,	29,597,860	Paper and wood pulp,	77,719,783
Leather, tanned, curried, and finished,	21,913,430	Leather, tanned, curried, and finished,	75,976,998

EMPLOYMENT BY MONTHS.

Table III, pages 49 to 75, presents the average number of wage-earners, by months, for the year 1917, from which it will be noted that from December, 1916, — when an average of 713,454 wage-earners was attained, — the curve of employment runs upwards throughout the first quarter of the new year, registering the high level of 726,487 in March, 1917. In the next month, April, the uncertainty of the period immediately following our entrance into the war was at once reflected in manufacturing industries, the average number of wage-earners falling to 710,444, and continuing to decline each month until September, the average for that month being 694,660. From this point the curve trends upward again through October, exhibiting an average of 708,288, November, 722,095, closing in December, 1917, the month of maximum employment, with an average of 728,171, or 12,807 more wage-earners than at the beginning of the year.

In *Boots and shoes* the first two months of the year were exceptionally busy. In March followed a recession in the average number of wage-earners, the decline persisting with more or less fluctuation until October, when the averages gradually began to rise although they did not at any time regain the level shown at the opening months of the year 1917, December exhibiting an average of 79,747 as against 86,066 in the month of January.

The average number of wage-earners in 1917 in *Cotton goods, including Cotton small wares*, was kept up to the highest level ever shown for the industry, exceeding the record year, 1916, by an average of nearly 4,000 wage-earners and ranging from minimum employment in August with 116,926 wage-earners to a maximum of 122,151 in the month of December.

In *Electrical machinery, apparatus, and supplies* employment was very regular, the average for the year, 23,882, being practically maintained in eight of the twelve months and the averages ranging generally higher month by month in 1917 as compared with corresponding periods during 1916.

Similar conditions obtained in *Foundry and machine-shop products*, the high average of 64,627 wage-earners being generally maintained, with only a slight diminution affecting about 1,000 wage-earners in the second quarter of the year, the general level of employment, as indicated by the averages, being 11.4 per cent higher than in 1916 and the monthly averages, as well, surpassing those of the previous year.

In *Leather, tanned, curried, and finished*, as in *Boots and shoes*, only the first two months of the year show a high level of employment. The averages fell gradually through the months of April to August with only partial recovery for the remainder of the year, December exhibiting an average of 11,730, but at no time subsequent to March did employment register up to the corresponding month of 1916.

In *Paper and wood pulp* the month of maximum employment, March, exhibited an average of 14,635. The deviations in number of male wage-earners were not marked, there being only slight depression in the quarter July to September. The decline in the number of women in this industry is worthy of special mention since a comparison of the averages, month by month, in 1917 with corresponding months in 1916 show constant decline,

until the closing month of the year, the employees being attracted by more remunerative employment to other industries.

In *Woolen and worsted goods* the general average for the year indicates employment of about 2,000 more wage-earners in the industry than in 1916, the last quarter of the year exhibiting an exceptionally high level of employment, the maximum, 62,222, being recorded for November, an increase of 4,228 in comparison with the month of January, 1917, when 57,994 wage-earners were employed.

WAGE-EARNERS EMPLOYED DECEMBER 15, 1917.

Table IV, pages 76 to 79, presents statistics concerning the age and sex distribution of wage-earners employed on December, 15, 1917, the number of adult males and females being shown separately from the number of persons under 18 years of age. Of the 726,840 wage-earners employed on this date in manufacturing industries, 474,576, or 65.3 per cent, were adult males, 193,523, or 26.6 per cent, were adult females, and 58,741, or 8.1 per cent, were persons under 18 years of age, of whom 28,435 were males and 30,306 were females.

It will be noted that industries where young persons are numerically high are *Boots and shoes*, where they formed 8.6 per cent of the total in the industry in 1917, *Confectionery*, 18.3 per cent, *Cotton goods*, 11.1 per cent, *Electrical machinery, apparatus, and supplies*, 10.7 per cent, *Hosiery and knit goods*, 11.4 per cent, and *Woolen and worsted goods*, 10.2 per cent. This table brings out the tendency in war times toward the employment of more young persons in manufacturing industries, the gain over the previous year in this respect being from 52,339 in mid-December, 1916, to 58,741 at the same period in 1917, an increase of 12.2 per cent; the number of adult females exhibiting increase of 1.7 per cent on the same day and the number of adult males, a slight decline amounting to 0.4 per cent.

CLASSIFIED WEEKLY WAGES AND AVERAGE YEARLY EARNINGS.

The data presented in Table V, classified weekly wages, will be found on pages 80 to 117. In the following summary we have compared the aggregates for the principal industries and for All Industries with similar data for 1913, the last normal year preceding the war:

ALL INDUSTRIES. 1913 (693,571 wage-earners). 1917 (803,957 wage-earners).			Foundry and Machine-Shop Products. ¹ 1913 (51,868 wage-earners). 1917 (83,018 wage-earners).		
YEARS.	PERCENTAGES		YEARS.	PERCENTAGES	
	Wages under \$15	\$15 and over		Wages under \$15	\$15 and over
<i>Adult Males.</i>			<i>Adult Males.</i>		
1913, (446,530), . . .	64.9	35.1	1913, (49,052), . . .	58.7	41.3
1917, (580,890), . . .	29.9	70.1	1917, (77,591), . . .	22.9	77.1
<i>Adult Females.</i>			<i>Adult Females.</i>		
1913, (189,743), . . .	96.0	4.0	1913, (869), . . .	98.1	1.9
1917, (212,464), . . .	79.7	20.3	1917, (2,799), . . .	90.0	10.0
<i>Young Persons, under 18 Years of Age.</i>			<i>Young Persons, under 18 Years of Age.</i>		
1913, (57,298), . . .	99.8	0.2	1913, (1,947), . . .	100.0	-
1917, (60,603), . . .	97.5	2.5	1917, (2,628), . . .	95.8	4.2
Boots and Shoes. 1913 (92,549 wage-earners). 1917 (93,558 wage-earners).			Leather, Tanned, Curried, and Finished. 1913 (12,036 wage-earners). 1917 (14,880 wage-earners).		
<i>Adult Males.</i>			<i>Adult Males.</i>		
1913, (56,520), . . .	44.8	55.2	1913, (11,618), . . .	76.0	24.0
1917, (56,149), . . .	28.9	71.1	1917, (13,993), . . .	37.7	62.3
<i>Adult Females.</i>			<i>Adult Females.</i>		
1913, (29,201), . . .	86.5	13.5	1913, (171), . . .	100.0	-
1917, (30,635), . . .	76.5	23.5	1917, (657), . . .	98.9	1.1
<i>Young Persons, under 18 Years of Age.</i>			<i>Young Persons, under 18 Years of Age.</i>		
1913, (6,828), . . .	99.5	0.5	1913, (247), . . .	100.0	-
1917, (6,774), . . .	97.8	2.2	1917, (230), . . .	99.2	0.8
Cotton Goods, including Cotton Small Wares. 1913 (121,943 wage-earners). 1917 (125,923 wage-earners).			Paper and Wood Pulp. 1913 (15,190 wage-earners). 1917 (15,471 wage-earners).		
<i>Adult Males.</i>			<i>Adult Males.</i>		
1913, (59,550), . . .	88.6	11.4	1913, (10,281), . . .	76.2	23.8
1917, (61,034), . . .	45.5	54.5	1917, (11,107), . . .	17.6	82.4
<i>Adult Females.</i>			<i>Adult Females.</i>		
1913, (48,717), . . .	99.7	0.3	1913, (4,438), . . .	99.8	0.2
1917, (51,474), . . .	74.2	25.8	1917, (4,006), . . .	95.4	4.6
<i>Young Persons, under 18 Years of Age.</i>			<i>Young Persons, under 18 Years of Age.</i>		
1913, (13,676), . . .	100.0	-	1913, (471), . . .	100.0	-
1917, (13,415), . . .	97.0	3.0	1917, (358), . . .	87.9	12.1
Electrical Machinery, Apparatus, and Supplies. 1913 (24,451 wage-earners). 1917 (24,333 wage-earners).			Woolen and Worsted Goods. 1913 (58,696 wage-earners). 1917 (65,303 wage-earners).		
<i>Adult Males.</i>			<i>Adult Males.</i>		
1913, (18,446), . . .	53.3	46.7	1913, (31,217), . . .	81.5	18.5
1917, (17,661), . . .	17.9	82.1	1917, (35,703), . . .	31.7	68.3
<i>Adult Females.</i>			<i>Adult Females.</i>		
1913, (3,605), . . .	99.3	0.7	1913, (20,119), . . .	97.1	2.9
1917, (4,159), . . .	86.9	13.1	1917, (23,073), . . .	64.8	35.2
<i>Young Persons, under 18 Years of Age.</i>			<i>Young Persons, under 18 Years of Age.</i>		
1913, (2,400), . . .	98.4	1.6	1913, (7,260), . . .	99.9	0.1
1917, (2,512), . . .	99.1	0.9	1917, (6,527), . . .	95.2	4.8

¹ Includes the following industries: Foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

If we divide the wage classes into two main groups as above, namely, those paid less than \$15 per week and those receiving \$15 and over, we find that in 1913, 65 out of every 100 *adult male wage-earners* were registered in the first group, namely, those paid less than \$15 per week, while only 35 in every 100 were paid \$15 and over. In 1917, the reverse of this is true, only 30 in every 100 *adult male wage-earners* being registered in the first wage group, and 70 in every 100 registered in the group paid \$15 and over. Of the *adult female wage-earners* in 1913, 96 in every 100 were registered in the first group and only four in every 100 were paid rates of \$15 and over, while in 1917, 80 in every 100 were paid less than \$15 per week and 20 in every 100 were registered in the wage class \$15 and over.

In the textile industries very marked changes are recorded. In *Cotton goods, including Cotton small wares*, the number of *adult male wage-earners* in the class \$15 and over rose from 11.4 per cent — 11 in every 100 — to nearly five times that number, or 55 in every 100 in 1917, while *adult female wage-earners*, represented only fractionally in the \$15 wage class in 1913, registered 26 in every 100 in 1917. Conditions in *Woolen and worsted goods* are quite as interesting, 68 *adult males* and 35 *adult females* in every 100 being registered in the class \$15 and over, as against 19 in every 100 *adult males* and three in every 100 *adult females* paid similar rates in 1913. In *Foundry and machine-shop products* in 1913, 41 in every 100 *adult male wage-earners* were registered in the wage group \$15 and over, as against 77 *adult male wage-earners* in every 100 so reported in 1917, while in *Electrical machinery, apparatus, and supplies*, 82 in every 100 *adult male wage-earners* appear in the \$15 and over wage group in 1917, as against 47 in every 100 registered therein four years earlier. The greatest variation, however, appears for *Paper and wood pulp*, in which industry only 24 *adult male wage-earners* in every 100 were in the wage group \$15 and over in 1913, as against 82 wage-earners in this wage group in the year 1917. The data for the principal industries with percentages in each wage class will be found on pages xlvii to xlix.

AVERAGE YEARLY EARNINGS.

The *average yearly earnings* per capita, Table 1a, for All Industries for 1917, \$758.23, is 33 per cent higher than the average earnings per capita four years ago, the principal industries exhibiting advances as follows:

	1913	1917	Per Cent of Increase
Boots and shoes,	\$625.03	\$725.03	16.1
Cotton goods,	459.05	648.09	41.2
Electrical machinery, apparatus, and supplies, .	639.60	866.06	35.4
Foundry and machine-shop products,	602.31	923.95	33.5
Leather, tanned, curried, and finished, . . .	594.75	823.07	38.4
Paper and wood pulp,	571.17	815.85	42.8
Woolen and worsted goods,	481.94	745.26	54.6

All Industries.

Sex and Age.	Un- der \$5	\$5 but under \$10	\$10 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 but under \$30	\$30 but under \$35	\$35 but under \$40	\$40 but under \$45	\$45 but under \$50	\$50 but under \$55	\$55 but under \$60	\$60 but under \$65	\$65 but under \$70	\$70 but under \$75	\$75 but under \$80	\$80 but under \$85	\$85 but under \$90	\$90 but under \$95	\$95 but under \$100	Aggre- gates	Un- der \$5
THE STATE,	31	538	2,408	7,031	16,208	23,398	31,236	38,554	45,308	46,440	62,648	60,337	52,938	66,086	37,008	76,610	54,924	58,999	73,255			
Per cent,	-	0.1	0.5	0.9	2.0	2.9	3.9	4.8	6.6	6.8	7.8	7.6	6.6	8.8	10.8	9.5	7.1	7.1	9.1			
Males (18 years of age and over),	-	36	117	451	1,256	2,323	4,586	8,569	13,597	17,411	34,417	39,614	36,017	51,932	72,661	68,472	52,768	54,521	71,843			
Per cent,	-	-	-	0.1	0.8	0.4	0.9	1.6	2.6	3.3	6.6	7.6	6.8	9.8	13.7	12.9	9.9	10.3	13.6			
Females (18 years of age and over),	-	103	525	1,908	6,270	11,833	18,127	22,429	24,604	24,133	24,610	18,754	16,017	13,518	13,826	7,915	4,063	2,445	1,894			
Per cent,	-	-	0.2	0.9	3.0	6.6	8.6	10.6	11.6	11.4	11.8	8.8	7.6	6.4	6.6	5.7	1.9	1.1	0.7			
Young persons (under 18 years of age),	31	399	1,766	4,672	8,683	9,242	8,523	7,556	6,825	4,806	3,621	1,969	904	636	521	223	86	33	18			
Per cent,	-	0.7	2.9	7.7	14.3	15.8	14.1	12.6	11.3	8.1	6.0	3.8	1.6	1.0	0.9	0.4	0.1	0.1	-1			

Boots and Shoes (Exclusive of Out-Stock and Findings).

Sex and Age.	Un- der \$5	\$5 but under \$10	\$10 but under \$15	\$15 but under \$20	\$20 but under \$25	\$25 but under \$30	\$30 but under \$35	\$35 but under \$40	\$40 but under \$45	\$45 but under \$50	\$50 but under \$55	\$55 but under \$60	\$60 but under \$65	\$65 but under \$70	\$70 but under \$75	\$75 but under \$80	\$80 but under \$85	\$85 but under \$90	\$90 but under \$95	\$95 but under \$100	Aggre- gates	Un- der \$5
Totals,	11	66	333	1,042	2,257	3,244	3,915	5,700	6,214	4,910	7,103	6,217	5,090	7,132	8,162	8,537	7,344	6,920	9,261			
Per cent,	-	0.1	0.4	1.1	2.4	3.5	4.9	6.1	6.6	5.3	7.7	6.6	5.4	7.6	8.7	9.1	7.9	7.4	9.9			
Males (18 years of age and over),	-	19	32	97	315	505	738	1,397	1,863	1,734	3,293	3,210	2,950	4,908	6,032	7,067	6,560	6,430	8,999			
Per cent,	-	-	0.1	0.8	0.6	0.9	1.3	2.5	3.3	3.1	5.9	5.7	5.3	8.7	10.7	12.6	11.7	11.4	16.0			
Females (18 years of age and over),	-	13	80	330	857	1,523	2,174	3,184	3,779	2,941	3,603	2,874	2,080	2,167	2,082	1,432	772	484	260			
Per cent,	-	-	0.2	1.1	2.8	5.0	7.1	10.4	12.3	9.6	11.8	9.4	6.8	7.1	6.8	4.7	2.5	1.6	0.8			
Young persons (under 18 years of age),	11	34	271	615	1,085	1,216	1,003	1,119	572	235	267	133	60	57	48	28	12	6	2			
Per cent,	-	0.5	4.0	9.1	16.0	18.0	14.8	16.5	8.4	3.5	3.9	2.0	0.9	0.8	0.7	0.4	0.8	0.1	-1			

Cotton Goods (Including Cotton Small Wares).

Totals,	5	25	205	861	1,867	3,091	5,389	7,185	9,612	11,417	14,218	12,317	12,838	10,014	12,954	8,741	6,316	5,315	3,650
Per cent,	-	-	0.8	0.7	1.5	2.5	4.3	5.7	7.6	9.1	11.5	9.7	10.2	7.9	10.3	6.9	5.0	4.2	2.9
Males (18 years of age and over),	-	-	16	58	135	379	901	1,676	2,863	4,279	6,054	5,578	5,816	4,942	7,556	6,725	5,440	5,000	3,916
Per cent,	-	-	-	0.1	0.8	0.6	1.5	2.8	4.7	7.0	9.9	9.2	9.5	8.1	12.4	11.0	8.9	8.2	5.9
Females (18 years of age and over),	-	6	19	153	387	967	2,370	3,533	5,113	5,783	7,030	6,080	6,678	4,859	5,238	1,970	866	314	33
Per cent,	-	-	-	0.3	0.8	1.9	4.6	7.0	9.9	11.2	13.7	11.8	13.0	9.4	10.2	3.3	1.7	0.6	0.1
Young persons (under 18 years of age),	5	19	170	645	1,345	1,748	2,118	1,926	1,636	1,355	1,124	559	344	213	140	46	10	1	1
Per cent,	-	0.1	1.3	4.8	10.0	13.0	15.8	14.4	12.2	10.1	8.5	4.2	2.6	1.6	1.0	0.3	0.1	-	-

Electrical Machinery, Apparatus, and Supplies.

Totals,	2	8	130	396	871	1,007	976	1,140	1,064	1,147	1,197	1,348	1,696	2,059	1,779	1,830	2,773	4,910
Per cent,	-	-	-	0.5	1.6	3.6	4.1	4.0	4.7	4.4	4.7	4.9	5.6	7.0	8.5	7.3	7.5	11.4
Males (18 years of age and over),	-	1	5	40	76	102	144	224	333	555	596	1,046	1,484	1,857	1,692	1,793	2,748	4,905
Per cent,	-	-	-	0.8	0.4	0.6	0.8	1.3	2.2	3.1	3.4	5.9	8.4	10.5	9.6	10.2	15.6	27.3
Females (18 years of age and over),	-	-	25	150	400	545	501	448	452	432	378	284	202	195	84	37	23	3
Per cent,	-	-	0.6	3.6	9.6	15.1	13.0	10.8	10.9	10.4	9.1	6.8	4.9	4.7	2.0	0.9	0.6	0.1
Young persons (under 18 years of age),	2	7	100	206	395	300	331	458	229	160	223	18	9	7	3	-	2	2
Per cent,	-	0.1	0.9	4.0	8.2	15.7	14.3	18.2	9.1	6.4	8.9	0.7	0.3	0.3	0.1	-	0.1	0.1

1 Less than one-tenth of one per cent.

Foundry and Machine-Shop Products!

SEX AND AGE.	Aggre- gates	Un- der \$5	\$5 and over																	
			\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$25	\$25 and over	
Totals,	83,018	-	7	116	183	413	647	900	1,382	1,934	2,080	4,274	5,297	5,102	8,077	12,037	11,192	8,207	9,109	11,011
Per cent,	100	-	.8	0.1	0.2	0.5	0.8	1.1	1.6	2.3	2.5	5.1	6.3	6.1	9.7	14.5	13.5	9.9	11.0	14.0
Males (18 years of age and over),	77,591	-	-	17	42	83	191	312	576	1,100	1,526	3,890	5,050	4,960	7,943	11,939	11,184	8,160	9,074	11,859
Per cent,	100	-	-	.2	0.1	0.1	0.3	0.4	0.7	1.4	2.0	5.0	6.5	6.4	10.3	15.4	14.4	10.6	11.7	14.9
Females (18 years of age and over),	2,799	-	2	9	22	41	146	277	840	501	286	192	129	73	76	68	47	42	28	20
Per cent,	100	-	0.1	0.3	0.8	1.6	5.3	9.9	30.0	17.9	10.3	6.9	4.6	2.6	2.7	2.4	1.7	1.6	1.0	0.7
Young persons (under 18 years of age),	2,628	-	5	90	119	289	310	311	436	333	248	192	118	69	53	30	11	5	7	2
Per cent,	100	-	0.2	3.4	4.6	11.0	11.8	11.8	16.6	12.7	9.4	7.5	4.6	2.6	2.0	1.3	0.4	0.2	0.3	0.1

Leather, Tanned, Curried, and Finished.

Totals,	14,880	-	3	7	18	120	100	305	395	563	572	1,335	1,198	1,533	1,793	2,100	2,128	887	680	1,133
Per cent,	100	-	-	-	0.1	0.9	0.7	2.1	2.7	3.8	3.8	9.0	8.1	10.8	18.0	14.1	14.3	6.0	4.6	7.6
Males (18 years of age and over),	13,993	-	-	-	5	8	17	106	243	373	510	1,306	1,191	1,517	1,788	2,006	2,128	887	680	1,133
Per cent,	100	-	-	-	-	0.1	0.1	0.8	1.7	2.7	3.7	9.3	8.6	10.8	18.8	16.0	16.8	6.3	4.9	8.1
Females (18 years of age and over),	687	-	-	3	6	79	88	154	129	164	33	27	3	4	4	3	-	-	-	-
Per cent,	100	-	-	0.6	0.9	18.0	8.8	23.4	19.7	23.4	6.0	4.1	0.6	0.6	0.6	0.6	-	-	-	-
Young persons (under 18 years of age),	280	-	3	4	7	43	25	45	23	31	29	12	4	2	1	1	-	-	-	-
Per cent,	100	-	1.3	1.7	3.1	18.7	10.9	19.6	10.0	13.6	18.6	6.8	1.7	0.8	0.4	0.4	-	-	-	-

Paper and Wood Pulp.

Totals,	15,471	-	-	13	19	107	330	441	899	944	941	1,008	1,324	1,369	2,835	1,964	896	926	1,335
Per cent,	100	-	-	0.1	0.1	0.7	2.1	2.9	5.8	6.1	6.1	6.6	9.0	8.9	18.6	13.7	5.3	6.0	8.6
Males (18 years of age and over),	11,107	-	-	5	2	5	8	14	44	103	276	676	827	1,273	2,789	1,944	882	924	1,335
Per cent,	100	-	-	-2	-2	-2	0.1	0.1	0.4	0.9	2.6	6.1	7.5	11.6	26.1	17.6	8.0	8.3	12.0
Females (18 years of age and over),	4,006	-	-	1	11	87	249	359	818	788	638	320	550	80	75	16	12	2	-
Per cent,	100	-	-	-3	0.3	2.2	6.2	9.0	20.4	19.7	15.9	8.0	13.7	2.0	1.9	0.4	0.3	-2	-
Young persons (under 18 years of age),	368	-	-	7	6	15	73	68	37	53	27	12	17	16	21	4	2	-	-
Per cent,	100	-	-	2.0	1.7	4.2	20.4	19.0	10.3	14.3	7.6	3.3	4.7	4.6	6.9	1.1	0.6	-	-

Woolen and Worsted Goods.

Totals,	65,303	-	-	19	237	544	1,039	1,331	2,210	4,238	5,271	5,890	6,710	4,936	5,506	7,263	5,416	4,764	4,629	5,210
Per cent,	100	-	-	-2	0.4	0.8	1.6	2.1	3.4	6.5	8.1	9.0	10.3	7.6	8.4	11.1	8.3	7.3	7.1	8.0
Males (18 years of age and over),	35,703	-	-	-	24	30	33	109	367	620	1,122	2,006	3,761	3,245	3,795	4,862	3,865	3,580	3,663	4,591
Per cent,	100	-	-	-	0.1	0.1	0.1	0.3	1.0	1.7	3.3	6.6	10.5	9.1	10.6	13.6	10.8	10.0	10.4	12.9
Females (18 years of age and over),	23,073	-	-	-	17	80	326	662	1,156	2,148	3,119	3,282	2,623	1,549	1,604	2,319	1,483	1,158	928	614
Per cent,	100	-	-	-	0.1	0.3	1.4	2.9	5.0	9.3	13.6	14.8	11.4	6.7	7.0	10.1	6.4	5.0	4.0	5.7
Young persons (under 18 years of age),	6,527	-	-	19	216	434	680	610	687	1,470	1,030	602	326	142	107	102	63	26	8	5
Per cent,	100	-	-	0.3	3.3	6.7	10.4	9.3	10.5	22.5	15.8	9.2	5.0	2.2	1.6	1.6	1.0	0.4	0.1	0.1

1 Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

2 Less than one-tenth of one per cent.

DAYS IN OPERATION.

The average number of days in operation are shown in Table VI, pages 118 to 121, the total number of working days in the year, exclusive of Sundays and holidays, being 304. For All Industries an average running time of 289.7 days appears, while in the principal industries averages are exhibited as follows: *Boots and shoes*, 278.7 days; *Cotton goods*, 294.5 days; *Electrical machinery, apparatus, and supplies*, 293 days; *Foundry and machine-shop products*, 296.4 days; *Leather, tanned, curried, and finished*, 278.5 days; *Paper and wood pulp*, 265.6 days; *Woolen and worsted goods*, 294.5 days.

The important cities exhibiting high average running time in 1917 are: *Boston*, 282 days; *Worcester*, 290.5 days; *Cambridge*, 294 days; *Springfield*, 292.6 days; *Fitchburg*, 294.5 days; *New Bedford*, 300 days; *Fall River*, 300.1 days; and *Lawrence*, 291.4 days.

LAUNDRIES.

The statistics for laundries are presented on pages 125 to 129. Owing to the extensive demand for labor for war activities, the laundries in 1917 had considerable difficulty in securing sufficient help to operate their plants, some of the smaller establishments being obliged to discontinue business. Returns were received from 359 laundries with increased capital investment as compared with 1916, higher cost of materials, and higher prices charged for work done. Although the number of wage-earners fell from 8,094 in 1916 to 7,709 in 1917, a decrease of approximately 5 per cent, the amount paid in wages rose from \$4,278,056 to \$4,427,189, or an increase of 3.5 per cent.

In the following summary we have the statistics from 1913 to 1917 inclusive:

LAUNDRIES.	1917	1916	1915	1914	1913
Number of establishments,	359	373	376	391	377
Capital invested,	\$5,575,196	\$5,383,116	\$5,037,974	\$4,695,798	\$4,542,313
Stock used,	\$2,102,363	\$1,716,026	\$1,413,801	\$1,391,900	\$1,259,655
Average number of wage-earners,	7,709	8,094	7,757	7,771	8,100
Wages paid,	\$4,427,189	\$4,278,056	\$3,978,761	\$3,721,409	\$3,884,570
Value of work done,	\$10,228,364	\$9,673,534	\$8,675,570	\$8,661,830	\$8,781,826

CONCLUSION.

In view of the many vicissitudes through which our manufacturing industries passed during 1917, it must be said that the remarkable facility with which machinery was adjusted and goods produced in response to the emergency requirements of the war constitutes a high tribute to the enterprise, versatility of resource, and patriotic energy of our Massachusetts manufacturers. Within a few months after the withdrawal of scores of thousands of workers for military service, their replacement, so far as numbers were concerned, had been practically accomplished, and by the end of the year more wage-earners were employed in manufacturing than ever before; moreover, the economic betterment of labor during the year, both as to wages and hours, is significant and impressive. Experience has taught that, after all great wars, there follows an epoch of world-wide stimulation of enterprise, calling for the application of renewed energy and inventive faculty. There is no indication that the period in which we are now living is to furnish any exception to this historical fact. That the necessities, in the reconstruction programmes of the nations despoiled by war, as well as the developing requirements of countries hitherto economically stagnant, will create outlets for production, especially in the field of machinery, is on all sides assumed to be inevitable.

With the war restrictions on exports removed and a merchant marine ready at hand to transport American-made products to foreign lands, our great problem will be to so organize and develop our industries and financial system as to be able to compete successfully with other nations, — and primarily with that one, Great Britain, which, while in the war to the uttermost, has been so situated as to come out of it not only with lands undevastated and industrial equipment undestroyed, but with the productivity of both tremendously increased and the self-sustaining capacity of the nation, as a result, unquestionably augmented; and this problem may, therefore, turn out to involve not merely the legitimate exploitation of foreign markets for the consumption of a surplus to be created through proper stimulation of output, but the ability of our manufacturers to meet, first, the requirements of domestic consumers in competition with the aggressive foreign exporter.

With a population of 469 to the square mile, approximately 1,700,000 persons engaged in gainful occupations, of whom over 700,000 are wage-earners in manufacturing industries, with an aggregate net public indebtedness (State, county, municipal, and metropolitan) of \$286,000,000 and State, county and municipal expenditures in 1916 aggregating \$136,000,000, creating problems of taxation of serious magnitude, the people of probably no other state of the Union are living under such intensive economic conditions as are the citizens of Massachusetts; and none, accordingly, are more vitally concerned than they in seeing to it that the readjustments and expansions of the new and historic era upon which the country is entering are accompanied not only by as little present dislocation of industry as possible, but by breadth of vision, foresight, and knowledge.

CHARLES F. GETTEMY,

Director, Bureau of Statistics.

STATE HOUSE, BOSTON, December 31, 1918.

TABULAR PRESENTATIONS.
1917.

[1]

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917.

A. THE STATE: BY INDUSTRIES.

INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product
						Average Number		Smallest Number	Greatest Number	
						Males	Females				Both Sexes
THE STATE.										
	9,366	\$2,239,843,630	\$1,782,440,354	\$37,144,629	\$738.23	495,831	212,590	708,421	827,635	\$3,620,567,545
Artificial limbs,	6	37,286	15,139	16,222	772.48	19	2	21	24	56,919
Artificial stone products,	32	632,412	176,800	253,514	898.99	282	-	282	179	400
Automobiles, including bodies and parts,	80	10,420,426	7,781,192	3,335,936	886.51	4,245	82	4,327	2,945	5,712
Awnings, tents, and sails,	50	580,193	692,514	281,228	758.03	226	145	371	238	538
Baskets, and rattan and willow ware,	12	221,383	144,875	105,760	686.75	139	15	154	141	163
Belting, leather,	20	12,205,974	11,683,716	1,768,277	815.63	2,091	137	2,168	1,994	2,782
Billiard tables and materials,	5	148,387	73,833	24,298	971.92	25	-	25	17	33
Blacking, stains, and dressings,	49	1,843,750	3,099,824	357,340	604.27	303	338	641	559	724
Bookbinding and blank-book making,	84	4,983,345	2,283,647	2,155,048	694.95	1,634	1,467	3,101	2,827	3,466
Boot and shoe cut stock and findings,	420	39,941,437	78,765,366	6,243,037	654.54	6,801	2,737	9,538	7,042	12,576
Boots and shoes,	460	146,104,041	197,504,913	56,217,297	725.62	49,499	27,976	77,475	58,264	98,758
Boots and shoes, rubber,	9	22,224,512	17,663,113	8,904,564	725.42	7,165	5,120	12,275	10,523	14,089
Boxes, cigar,	4	187,096	199,068	101,141	574.66	84	92	176	161	192
Boxes, fancy and paper,	99	6,113,964	6,439,172	2,606,864	537.10	1,691	3,065	4,756	4,129	5,417
Boxes, wooden packing,	91	8,269,775	7,484,182	2,527,901	704.35	3,341	248	3,589	3,210	3,997
Brass, bronze, and copper products,	61	9,033,449	12,204,066	2,235,497	872.90	2,517	44	2,561	2,147	2,951
Bread and other bakery products,	1,107	14,208,977	29,775,908	5,795,805	804.53	6,112	1,092	7,204	6,939	7,877

Brick and tile,	43	2,155,883	621,199	794,385	772.00	988	61	1,029	620	1,603	1,720,587
Brooms,	20	333,332	375,798	77,502	673.93	104	11	115	93	145	542,638
Brushes,	31	4,453,480	2,898,970	1,083,048	624.38	874	859	1,733	1,568	1,929	5,219,380
Butter,	11	145,646	699,764	29,344	815.11	36	-	36	34	39	874,633
Buttons,	15	1,401,938	768,142	587,147	661.66	514	337	901	727	1,080	1,634,286
Canning and preserving,	56	7,900,283	11,212,188	1,271,733	781.07	1,299	372	1,671	1,771	2,165	16,732,975
Carpets and rugs, other than rag,	12	17,150,252	9,308,569	2,675,278	688.79	2,294	1,000	3,884	2,740	4,507	16,201,469
Carpets, rag,	14	51,015	27,275	39,864	622.87	48	16	64	49	80	119,189
Carriages and sleds, children's,	8	2,051,766	1,768,222	966,598	722.40	1,184	154	1,338	1,160	1,498	3,457,153
Carriages and wagons, and materials,	90	2,296,302	920,136	740,636	850.33	871	-	871	731	1,033	2,282,123
Cars and general shop construction and repairs by steam-railroad companies,	11	11,370,151	9,452,726	6,009,115	904.71	6,611	31	6,642	6,028	6,977	15,461,841
Chemicals,	21	16,890,390	8,565,917	2,864,661	910.19	2,418	180	2,598	2,275	2,384	15,553,497
Cleaning and polishing preparations,	14	337,823	370,861	44,720	771.03	48	10	58	49	64	634,032
Cloth, sponging and refinishing,	5	33,821	6,652	39,509	770.18	50	-	50	45	57	72,039
Clothing, men's,	208	11,739,598	12,919,674	3,998,044	733.86	2,655	2,793	5,448	3,907	6,972	22,913,033
Clothing, men's, buttonholes,	6	1,709	980	4,988	554.22	5	4	9	8	9	11,904
Clothing, women's,	236	6,319,266	10,049,375	3,417,505	612.13	1,276	4,307	5,533	3,636	7,411	16,800,714
Coffee and spice, roasting and grinding,	18	6,446,686	7,426,484	337,788	679.65	300	197	497	454	531	9,826,635
Coffins, burial cases, and undertakers' goods,	10	1,100,508	637,953	239,048	717.51	291	43	334	311	356	1,281,370
Combs and hairpins,	31	2,989,488	2,822,090	1,329,344	642.51	1,411	658	2,069	1,690	2,502	5,667,323
Confectionery and ice cream,	237	16,061,349	23,654,869	4,710,549	533.98	2,673	6,317	8,990	7,337	11,048	37,536,150
Confectionery,	128	14,726,944	21,118,285	4,228,892	501.41	2,149	6,275	8,424	6,955	10,185	32,914,521
Ice cream,	99	1,277,405	2,636,591	486,654	859.81	524	42	566	352	893	4,421,909

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product	
						Average Number		Smallest Number	Greatest Number			
						Males	Females					
												Both Sexes
The State — Continued.												
Cooperage,	32	\$1,814,863	\$1,271,253	\$510,653	\$692.88	720	17	737	624	834	\$2,075,687	
Copper, tin, and sheet-iron products,	135	6,642,575	6,189,589	2,279,802	804.73	2,643	190	2,833	2,351	3,429	11,710,584	
Cordage and twine, and jute goods,	14	42,365,424	24,500,924	3,768,379	612.15	3,580	2,478	6,058	5,530	6,540	37,299,017	
Corsets,	11	3,200,963	2,807,042	899,666	507.14	252	1,522	1,774	1,422	2,180	4,654,708	
Cotton goods,	178	354,720,079	241,563,267	76,767,335	648.79	63,866	54,586	118,452	111,455	126,330	399,449,033	
Cotton small wares,	31	3,601,751	3,309,908	853,577	571.34	577	917	1,494	1,311	1,715	5,172,936	
Cutlery and tools, not elsewhere specified,	162	41,459,640	10,641,146	9,111,258	831.55	9,642	1,315	10,957	9,791	12,321	35,397,127	
Dental goods,	7	138,447	608,495	34,062	740.48	37	9	46	43	48	689,944	
Dyeing and finishing textiles,	67	80,010,964	39,483,583	10,890,220	710.78	12,188	3,035	15,223	13,490	16,809	67,875,036	
Dyestuffs and extracts,	19	1,471,172	2,428,190	157,157	781.83	198	3	201	166	233	3,350,439	
Electrical machinery, apparatus, and supplies,	80	49,922,703	38,904,164	20,633,257	866.06	18,318	5,564	23,882	21,663	26,022	87,995,439	
Electroplating,	47	239,581	113,618	207,314	767.83	248	22	270	217	332	500,651	
Enameling and japanning,	14	211,795	130,929	97,586	584.35	104	63	167	130	200	333,239	
Engraving and dieinking,	27	180,425	63,833	153,809	955.34	153	8	161	139	197	372,737	
Engraving, steel and copper plate, including plate printing,	18	407,529	193,496	358,568	903.19	243	154	397	335	466	933,348	
Envelopes,	14	6,685,195	5,048,998	1,337,752	653.21	680	1,368	2,048	1,875	2,227	8,803,868	
Fancy articles, not elsewhere specified,	22	1,917,771	1,625,907	855,292	553.23	681	865	1,546	1,202	1,902	3,139,084	

Felt goods,	12	3,916,113	4,231,086	782,382	707.40	939	187	1,106	940	1,297	6,786,755
Flavoring extracts,	18	803,763	821,337	58,172	559.35	37	67	104	84	121	1,483,133
Flour-mill and gristmill products,	73	2,805,099	4,410,651	96,028	768.22	125	-	125	121	129	4,898,322
Food preparations,	52	3,051,571	3,946,863	457,804	704.31	494	156	650	502	871	6,791,986
Foundry and machine-shop products,	711	197,251,677	98,554,557	59,712,096	923.95	62,594	2,083	64,627	55,094	76,617	218,593,645
Fur goods,	14	495,959	412,782	206,510	1,083.62	94	102	196	123	240	837,020
Furnishing goods, men's,	16	871,533	1,165,508	223,784	529.06	87	334	421	299	505	1,807,083
Furniture,	117	14,174,067	7,224,090	4,838,651	721.65	5,780	975	6,705	5,781	7,705	16,457,280
Galvanising,	3	22,885	23,928	11,688	1,166.80	10	-	10	10	11	55,048
Gas and electric fixtures,	9	151,948	132,680	87,083	768.24	106	9	115	87	134	299,786
Gas, illuminating and heating,	50	41,627,721	5,936,267	1,833,142	901.46	2,089	-	2,089	1,807	2,468	16,394,621
Glass, cutting, staining, and ornamenting,	32	196,103	101,992	144,805	832.21	160	14	174	145	206	401,076
Glue,	9	2,800,774	2,774,671	602,070	804.91	629	119	748	665	831	4,336,243
Gold and silver, leaf and foil,	11	131,922	143,868	103,371	684.58	69	82	151	121	173	298,106
Gold and silver, reducing and refining, not from the ore,	4	132,507	271,745	14,041	877.56	16	-	16	14	19	335,218
Grease and tallow,	24	2,676,525	3,054,308	506,269	807.45	623	4	627	573	687	4,768,201
Hand stamps and stencils and brands,	23	157,507	130,851	88,689	715.23	106	18	124	109	140	343,627
Hardware,	37	4,039,543	1,718,203	1,045,532	779.08	1,170	172	1,342	1,142	1,565	4,161,328
Hats and caps, other than felt, straw, and wool,	30	433,580	608,348	293,447	771.67	205	104	309	259	357	1,156,819
Hats, fur-felt,	8	1,221,542	953,314	501,996	660.52	478	282	760	587	942	2,069,010
Hats, straw,	15	2,809,452	3,094,265	1,175,226	637.67	678	1,165	1,943	648	3,143	5,396,424
Hosiery and knit goods,	60	27,161,661	20,752,467	7,625,776	607.29	3,496	9,061	12,657	11,141	13,603	37,664,307
House-furnishing goods, not elsewhere specified,	23	971,673	1,200,827	223,210	562.24	210	187	397	328	477	1,457,980

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

Industries.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used.	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product	
						Average Number		Smallest Number	Greatest Number			
						Males	Females					
						Both Sexes						
The State — Continued.												
Ice, manufactured,	5	\$386,536	\$35,234	\$33,412	\$379.26	33	—	33	63		\$218,404	
Instruments, professional and scientific,	23	2,268,468	963,262	810,936	881.45	824	96	920	617	1,455	2,414,423	
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,	9	4,362,152	2,299,514	1,026,799	739.24	977	412	1,389	1,332	1,477	4,181,622	
Iron and steel forgings,	12	6,801,459	4,069,547	1,592,824	1,043.11	1,492	85	1,527	1,332	1,684	9,652,852	
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	24	4,538,209	4,343,911	1,157,526	672.98	1,343	372	1,720	1,584	1,904	7,741,158	
Jewelry,	140	14,915,048	9,804,616	4,253,089	737.74	3,713	2,052	5,765	4,598	6,840	18,536,627	
Jewelry and instrument cases,	10	571,975	529,001	290,286	480.52	162	442	604	501	684	1,129,367	
Labels and tags,	7	119,114	66,847	32,792	780.76	24	18	42	33	45	176,746	
Lamps and reflectors,	6	684,749	747,185	284,212	823.80	315	80	345	281	408	1,321,616	
Lasts,	31	2,273,764	1,025,841	935,709	922.79	986	29	1,014	766	1,361	3,015,691	
Leather goods, not elsewhere specified,	43	847,703	961,748	288,912	559.91	292	224	516	363	706	1,989,439	
Leather, tanned, curried, and finished,	136	63,385,593	54,063,568	9,630,746	823.07	11,222	479	11,701	8,965	15,059	75,976,998	
Lime,	9	704,653	488,972	350,832	743.29	472	—	472	383	538	1,060,208	

Linen goods,	7	6,608,287	3,548,542	917,174	599,46	718	812	1,580	1,280	1,788	5,782,665
Liquors, distilled,	6	1,480,696	1,816,887	109,001	1,018,70	107	-	107	87	183	5,880,042
Liquors, malt,	27 ¹	23,669,289	7,617,264	2,339,042	1,085,40	2,144	11	2,185	1,969	2,331	17,854,980
Lithographing,	15	2,667,894	1,676,880	961,868	776,70	896	344	1,240	1,167	1,305	4,179,224
Looking-glass and picture frames,	23	179,227	179,979	94,515	851,49	110	1	111	102	120	372,218
Lumber and timber products,	85	2,326,544	1,483,745	492,773	718,83	681	5	686	613	967	2,373,883
Lumber, planing-mill products,	168	5,642,010	5,032,013	2,252,146	875,64	2,570	2	2,572	2,046	2,223	9,235,282
Marble and stone work,	81	4,277,599	829,709	1,587,609	868,97	1,827	-	1,827	1,259	2,451	3,118,457
Mattresses and spring beds,	47	1,708,966	2,454,723	452,993	702,31	479	166	645	548	741	3,859,673
Military and naval equipment (textile),	9	6,686,437	4,308,506	1,209,892	739,09	494	1,143	1,637	1,047	4,780	7,131,228
Millinery and lace goods,	64	2,362,480	3,330,938	850,184	522,55	264	1,363	1,627	1,065	2,191	5,451,601
Mineral and soda waters,	107	2,008,067	2,499,881	334,958	795,37	475	9	484	312	784	4,485,427
Minerals and earths, ground,	8	602,111	224,261	78,685	678,32	108	8	116	74	144	476,944
Mirrors,	6	117,483	276,239	82,616	772,11	106	1	107	91	120	487,273
Models and patterns, not including paper patterns,	53	294,840	148,446	385,816	1,026,11	373	3	376	304	479	818,150
Monuments and tombstones,	161	1,727,590	839,110	912,344	957,34	953	-	953	721	1,219	2,678,099
Mucilage and paste,	20	810,500	1,351,123	86,734	826,04	87	18	105	89	124	1,992,202
Musical instruments and materials, not specified,	16	422,284	245,166	208,825	732,72	227	58	285	228	347	593,509
Musical instruments, pianos and organs, and materials,	42	11,802,263	3,863,676	2,726,113	808,94	3,117	283	3,370	2,640	3,941	8,250,354
Oil, not elsewhere specified,	14	4,033,567	4,145,409	272,755	836,67	317	9	326	288	366	5,333,448
Paints and varnishes,	33	4,798,109	4,562,927	452,450	777,41	518	64	583	501	678	7,903,087
Paper and wood pulp,	87	75,436,968	48,121,923	11,556,445	815,85	10,437	3,728	14,165	12,374	15,923	77,719,783
								31,91			35

1 Includes 1 establishment having 4 branches.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Num-ber of Establish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
The State — Continued.											
Paper goods, not elsewhere specified, . . .	50	\$10,198,147	\$9,664,916	\$2,600,627	\$699.91	2,261	1,030	3,891	3,464	4,364	\$15,018,010
Patent medicines and compounds and drug- gists' preparations,	95	8,080,404	6,403,979	923,453	549.67	772	908	1,080	1,297	2,146	13,963,024
Photographic apparatus and materials, . .	3	96,092	55,020	19,114	562.18	22	12	34	27	43	97,026
Photo-engraving,	25	367,856	160,470	380,245	1,062.14	330	28	358	320	385	970,028
Plumbers' supplies,	18	1,262,785	739,584	393,356	738.00	486	47	533	480	632	1,523,726
Pocketbooks,	9	556,139	335,209	182,341	519.49	96	255	351	283	413	760,591
Pottery,	7	356,356	88,994	125,287	803.12	135	21	156	131	177	285,700
Printing and publishing,	657	21,555,715	13,409,112	8,492,413	878.68	7,555	2,110	9,665	8,708	10,687	32,416,614
Refrigerators,	11	279,757	191,466	95,514	936.41	102	—	102	62	130	406,473
Rubber goods, not elsewhere specified, . .	41	34,548,986	31,479,517	7,970,746	850.03	7,980	1,397	9,377	8,002	10,384	56,903,602
Saddlery and harness,	31	535,066	483,798	136,934	805.49	159	11	170	141	202	732,214
Sausage, not made in slaughtering and meat- packing establishments,	46	865,573	4,787,437	312,618	833.65	369	6	375	323	418	5,662,014
Screws, machine,	20	1,672,384	879,543	420,480	709.07	534	59	593	492	740	1,700,925
Shipbuilding, wooden, including boat build- ing,	56	2,142,967	1,863,832	1,149,947	1,053.07	1,092	—	1,092	721	1,523	4,288,009
Shirts,	14	1,991,434	1,333,607	931,175	550.67	305	1,386	1,691	1,243	2,100	3,883,160

Shoddy, wool,	22	3,151,658	3,271,603	460,005	811.30	533	34	567	494	686	4,750,728
Show cases,	9	110,190	93,769	62,293	902.80	67	2	69	52	81	192,041
Signs and advertising novelties,	21	442,708	284,639	275,078	670.92	221	189	410	344	492	864,788
Silk and silk goods, including throwsters,	18	15,434,377	10,367,665	2,739,313	655.45	1,328	2,836	4,164	3,417	4,882	17,752,399
Silverware and plated ware,	20	8,769,308	3,063,981	1,903,892	773.94	2,086	374	2,460	2,043	2,704	7,147,081
Slaughtering and meat packing,	24	27,045,865	71,251,200	3,168,202	890.92	3,651	29	3,680	3,342	4,398	81,677,606
Soap,	31	7,105,251	8,923,105	603,392	672.68	638	259	897	708	1,066	12,783,270
Sporting and athletic goods,	14	3,556,961	2,201,340	982,226	748.08	948	365	1,313	878	1,772	4,119,492
Springs, steel, car and carriage,	6	44,373	28,696	20,770	908.04	23	-	23	22	24	78,731
Stationary goods, not elsewhere specified,	29	5,456,068	4,014,900	1,515,673	579.83	1,150	1,464	2,614	2,404	2,868	8,549,898
Statuary and art goods,	10	205,249	43,048	66,222	909.63	74	1	75	59	108	184,719
Steam fittings and steam and hot water heating apparatus,	27	10,514,156	4,476,733	3,378,677	855.14	3,760	191	3,961	3,611	4,567	11,616,513
Steam packing,	9	414,438	254,067	58,145	796.51	72	1	73	64	86	504,435
Stereotyping and electrotyping,	16	559,425	210,689	410,059	876.19	373	90	468	422	507	950,004
Stoves and hot-air furnaces, not including gas and oil stoves,	15	3,500,575	1,591,770	1,509,538	1,075.97	1,399	4	1,403	1,213	1,531	4,492,332
Structural ironwork not made in steel works or rolling mills,	60	5,192,910	5,705,209	1,625,217	930.82	1,746	-	1,746	1,381	2,248	9,710,469
Surgical appliances,	13	2,860,019	4,406,332	338,596	691.01	282	208	490	304	624	5,708,685
Suspenders, garters, and elastic woven goods,	27	6,331,283	5,531,974	1,818,432	613.71	987	1,976	2,963	2,483	3,424	10,905,885
Tobacco manufactures,	206	4,700,467	4,063,323	3,217,041	895.36	2,745	848	3,593	2,513	4,021	9,649,535
Toys and games,	25	2,987,833	1,776,173	875,890	535.41	1,009	626	1,635	1,208	2,005	3,412,157

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

Industries.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product	
						Average Number			Smallest Number	Greatest Number		
						Both Sexes						
						Males	Females					
The State — Concluded.												
Trunks and valises,	21	\$1,003,186	\$371,339	\$264,395	\$650.99	286	114	400	310	527	\$1,545,380	
Typefoundry and printing materials,	7	277,750	141,281	72,861	824.56	66	22	88	75	104	343,265	
Upholstering materials,	9	2,003,471	5,015,924	235,650	718.45	275	53	328	243	427	5,837,002	
Vinegar and cider,	31	447,302	337,886	43,990	753.45	53	-	53	41	114	474,388	
Waste,	13	4,412,045	15,134,403	585,708	546.37	633	439	1,072	1,005	1,223	17,185,682	
Watch and clock materials,	6	175,066	98,673	153,959	616.12	104	154	258	229	284	349,632	
Whips,	19	2,579,357	1,043,524	491,639	578.40	590	260	850	739	971	2,437,633	
Window and door screens,	13	214,986	118,504	75,700	742.16	100	2	102	59	164	245,128	
Window shades and fixtures,	8	159,718	374,323	36,404	650.07	33	18	56	43	65	500,945	
Wire,	9	11,702,089	12,509,819	5,134,759	1,137.77	4,393	120	4,513	4,289	4,789	24,531,395	
Wirework, including wire rope and cable,	34	7,330,304	4,203,097	1,707,506	703.26	1,965	463	2,428	2,171	2,911	8,267,965	
Wood, turned and carved,	40	2,439,544	1,133,994	709,099	530.76	1,297	39	1,336	1,223	1,641	2,539,960	
Wooden goods,	31	660,654	554,976	211,375	676.92	305	8	313	250	400	940,607	

Wool scouring,	13	2,131,447	1,444,560	1,075,876	905.62	1,138	50	1,138	979	1,344	3,582,015
Woolen and worsted goods,	176	244,987,785	192,170,325	43,757,786	745.26	35,141	23,537	53,728	80,803	65,355	306,719,225
All other industries, ¹	285	210,508,442	144,689,743	50,728,808	840.45	48,976	9,980	53,965	48,897	72,043	245,750,795

¹ Embraces Aeroplanes, 3; Agricultural implements, 3; Aluminum ware, 3; Ammunition, 4; Artificial flowers, 2; Artists' materials, 2; Asbestos products, not including steam packing, 5; Babbitt metal and solder, 3; Bags, other than paper, 6; Bags, paper, 2; Baking powders and yeast, 5; Belting and hose, woven, 4; Belting and hose, rubber, 3; Bluing, 2; Bone, carbon, and lampblack, 2; Butter, re-working, 1; Candles, 1; Card cutting and designing, 2; Cars and general shop construction and repairs by street railroad companies, 2; Cars, steam railroad, not including operations of railroad companies, 4; Cash registers and calculating machines, 2; Chocolates and cocoa products, 6; Clocks, 6; Clothing, horse, 3; Coke, 1; Collars and cuffs, men's, 1; Cordials and sirups, 7; Cork cutting, 2; Crucibles, 2; Dairyman's, poultrymen's, and apiculturists' supplies, 5; Drug grinding, 2; Emery and other abrasive wheels, 10; Engravers' materials, 2; Explosives, 3; Fertilizers, 2; Files, 3; Firearms, 8; Fireworks, 4; Flags and banners, 2; Foundry supplies, 1; Furs, dressed, 1; Gas machines and gas and water meters, 4; Glass, 2; Gloves and mittens, leather, 3; Glucose and starch, 3; Grindstones, 1; Hair work, 1; Hand-knit goods, 4; Hat and cap materials, 1; Hats, wool-felt, 3; Hoses, not made in steel works or rolling mills, 3; Ink, printing, 2; Ink, writing, 4; Iron and steel, blast furnaces, 1; Iron and steel, steel works and rolling mills, 11; Iron and steel, doors and shutters, 3; Ivory, shell, and bone work, not including combs and hairpins, 3; Lead, bar, pipe, and sheet, 1; Lubricating greases, 2; Mats and matting, 1; Motorcycles, bicycles, and parts, 4; Needles, pins, and hooks and eyes, 5; Nets and seines, 2; Oilcloth, floor, 1; Oilcloth, enameled, 2; Oleomargarine, 1; Optical goods, 14; Paving materials, 2; Peanuts, grading, roasting, cleaning, and shelling, 1; Pens, fountain and stylographic, 3; Pens, gold, 2; Phonographs and graphophones, 1; Pipes, tobacco, 2; Pumps, not including steam pumps, 3; Regalia and society badges and emblems, 8; Roofing materials, 2; Sand and emery paper and cloth, 1; Sand-line brick, 1; Saws, 12; Scales and balances, 2; Screws, wood, 2; Sewing machines and attachments, 7; Shipbuilding, iron and steel, 1; Smelting and refining, not from the ore, 5; Soda-water apparatus, 4; Stoves, gas and oil, 1; Sugar and molasses, refining, not including beet sugar, 3; Sulphuric, nitric, and mixed acids, 2; Theatrical scenery, 1; Typewriters and supplies, 4; Umbrellas and canes, 6; Wall paper, not made in paper mills, 2; Washing machines and clothes wringers, 2; Watches, 2.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.

B. THE 37 CITIES: BY INDUSTRIES.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Average Number					
						Males	Females	Both Sexes			
ATTLEBORO.											
Electroplating,	122	\$18,953,939	\$11,152,157	\$4,691,941	\$747.98	4,569	1,616	6,185	5,462	6,996	\$21,184,667
Engraving and dieinking,	6	40,176	16,522	13,941	536.19	20	6	26	23	35	43,290
Jewelry,	8	21,068	5,056	31,875	838.82	37	1	38	31	46	63,375
Other industries,	64	8,553,611	6,659,671	2,166,661	754.67	1,840	1,031	2,871	2,455	3,335	11,308,913
	44	10,339,084	4,470,904	2,409,464	741.37	2,672	578	3,250	2,953	3,580	9,769,089
BEVERLY.											
Boot and shoe cut stock and findings,	52	13,346,301	6,304,789	5,384,267	853.56	5,379	929	6,308	5,438	6,946	14,301,841
Boots and shoes,	8	180,419	164,379	27,187	632.26	41	2	43	29	53	236,437
Bread and other bakery products,	12	2,186,048	3,461,774	1,072,502	670.73	976	623	1,599	1,228	1,838	5,491,297
Other industries,	7	26,610	77,773	15,644	782.20	20	-	20	18	22	122,210
	25	10,953,124	2,600,863	4,268,034	918.84	4,342	304	4,646	4,163	5,033	8,451,897
BOSTON.											
Artificial limbs,	2,653	247,239,564	248,230,558	68,602,939	772.88	61,280	27,483	88,763	71,512	107,779	418,096,880
Automobiles, including bodies and parts,	4	22,589	12,891	13,634	802.00	17	-	17	14	20	48,808
Awings, tents, and sails,	24	630,619	337,431	319,821	903.45	346	8	354	273	450	951,169
Blacking, stains, and dressings,	21	266,231	412,303	159,597	759.99	115	95	210	113	328	774,290
Bookbinding and blank-book making,	12	434,662	534,716	71,394	667.23	52	55	107	89	125	905,333
	46	825,132	488,420	669,129	651.54	433	594	1,027	912	1,190	1,653,075
Boot and shoe cut stock and findings,	40	8,146,832	27,295,857	1,061,499	688.84	1,298	243	1,541	1,225	1,954	30,873,757
Boxes, fancy and paper,	15	15,065,758	15,055,320	4,887,204	652.41	4,180	3,311	7,491	5,685	9,018	23,504,824
	18	1,071,736	1,333,179	509,561	501.04	321	696	1,017	906	1,125	2,365,559

Brass, bronze, and copper products,	21	345,968	794,606	197,792	928.60	213	-	213	194	234	1,185,188
Bread and other bakery products,	265	4,766,355	9,178,489	1,682,899	774.46	1,716	457	2,173	2,018	2,415	14,813,840
Canning and preserving,	23	1,367,018	3,093,089	274,016	641.72	247	180	427	364	558	4,069,925
Carriages and wagons, and materials,	14	325,392	185,224	189,370	906.08	209	-	209	177	234	508,678
Cleansing and polishing preparations,	6	176,434	251,037	24,255	783.43	23	8	31	28	35	440,926
Cloth sponging and refinishing,	5	33,821	6,652	38,509	770.18	50	-	50	45	57	73,689
Clothing, men's,	171	10,060,710	11,086,113	3,363,719	751.78	2,339	2,134	4,473	3,174	5,784	19,861,914
Clothing, men's, buttonholes,	5	1,709	980	4,988	554.22	5	4	9	8	9	11,004
Clothing, women's,	167	3,830,794	6,962,894	2,415,924	690.66	1,002	2,496	3,498	2,245	4,641	11,616,327
Coffee and spice, roasting and grinding,	14	5,955,468	6,896,912	319,108	680.40	281	188	469	430	502	9,215,016
Confectionery and ice cream,	62	10,135,063	15,856,999	5,921,807	517.25	1,530	4,699	6,292	5,125	7,572	24,882,536
Confectionery,	52	9,984,964	15,617,896	3,163,810	513.61	1,464	4,696	6,160	5,072	7,478	24,406,174
Ice cream,	10	178,129	238,456	57,997	840.54	66	3	69	53	94	474,063
Copper, tin, and sheet-iron products,	70	3,430,441	3,884,266	1,233,472	807.25	1,383	145	1,528	1,271	1,890	6,982,459
Cotton goods,	8	3,305,853	1,964,717	589,287	652.59	463	441	903	847	960	3,329,923
Cutlery and tools, not elsewhere specified,	29	10,505,334	1,930,311	1,133,671	770.16	922	550	1,472	1,220	1,786	8,719,740
Dental goods,	7	138,447	608,495	34,063	740.48	37	9	46	43	48	689,944
Dyestuffs and extracts,	11	775,508	1,210,867	64,466	732.57	88	-	88	84	100	1,655,885
Electrical machinery, apparatus, and sup- plies,	29	6,535,268	3,576,709	1,877,134	734.40	1,720	536	2,556	2,001	3,094	8,097,106
Electroplating,	25	105,422	58,117	121,777	838.41	137	10	147	124	171	273,679
Enameling and japanning,	3	34,067	10,144	17,054	775.18	23	-	23	19	25	45,810
Engraving and dieinking,	12	43,899	24,900	50,665	938.24	48	6	54	49	64	141,997
Engraving, steel and copper plate, including plate printing,	16	395,839	189,646	349,508	907.81	235	150	385	326	451	911,225

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.

B. THE 37 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED						Value of Product
						Average Number			Smallest Number	Greatest Number		
						Males	Females	Both Sexes				
BOSTON — Continued.												
Fancy articles, not elsewhere specified,	6	\$110,760	\$85,705	\$37,551	\$507.85	12	62	74	49	92	\$207,748	
Flavoring extracts,	7	468,037	432,355	26,675	592.78	19	26	45	38	54	810,041	
Food preparations,	23	2,215,900	2,713,307	308,569	724.34	333	93	426	330	547	4,769,763	
Foundry and machine-shop products,	162	34,007,288	15,572,346	10,801,152	954.33	11,224	94	11,318	8,792	14,716	38,370,724	
Fur goods,	13	486,107	407,296	200,979	1,046.77	92	100	192	120	253	821,201	
Furnishing goods, men's,	12	694,367	919,936	155,675	534.97	57	224	291	214	340	1,424,948	
Furniture,	40	1,078,426	1,255,711	651,165	800.94	712	101	813	663	988	2,763,400	
Glass cutting, staining, and ornamenting,	20	98,260	53,820	90,441	993.86	88	3	91	75	112	223,455	
Hand stamps and stencils and brands,	12	80,543	86,043	59,034	894.45	66	-	66	59	74	217,549	
Hardware,	11	163,304	71,769	54,282	786.70	57	12	69	62	76	209,689	
Hats and caps, other than felt, straw, and wool,												
	25	412,400	584,428	228,272	781.75	195	97	292	246	333	1,105,327	
Hosiery and knit goods,	8	2,209,999	1,783,004	478,060	521.57	110	797	907	739	1,009	3,000,876	
House-furnishing goods, not elsewhere speci- fied,												
	6	72,540	116,029	37,425	668.30	25	31	56	44	69	196,207	
Instruments, professional and scientific,	14	1,049,802	629,588	633,449	901.07	628	76	703	485	1,028	1,678,903	
Jewelry,	22	510,331	404,079	174,575	1,009.10	161	12	173	162	181	811,053	

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.

B. THE 37 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number		Smallest Number	Greatest Number		
						Males	Females				
						Both Sexes					
BOSTON — Concluded.											
Printing and publishing,	263	\$13,713,267	\$8,848,724	\$4,945,074	\$945.65	4,290	831	5,121	4,638	5,602	\$20,780,160
Refrigerators,	6	148,359	130,789	70,742	943.23	75	—	75	43	92	288,936
Rubber goods, not elsewhere specified,	9	591,529	545,187	211,341	626.83	178	159	337	305	336	983,645
Saddlery and harness,	10	39,625	26,054	22,186	853.31	25	1	26	20	28	71,788
Sausage, not made in slaughtering and meat- packing establishments,	11	460,999	2,945,107	158,146	819.41	189	4	193	162	229	3,362,143
Screws, machine,	7	408,874	385,813	140,323	815.83	147	25	172	122	247	718,070
Shipbuilding, wooden, including boat build- ing,	10	1,011,397	994,077	681,527	1,169.00	583	—	583	321	769	2,324,899
Show cases,	5	53,961	54,500	31,857	1,027.65	31	—	31	26	36	106,720
Signs and advertising novelties,	9	262,644	166,367	163,355	677.82	123	118	241	210	281	503,735
Soap,	8	462,657	896,678	60,461	889.13	59	9	68	53	79	1,224,385
Stationery goods, not elsewhere specified,	7	700,028	581,635	189,333	688.48	145	120	275	243	306	1,124,982
Statuary and art goods,	8	199,736	40,785	65,644	911.72	71	1	72	56	98	169,812
Steam fittings and steam and hot-water heat- ing apparatus,	9	7,020,170	2,923,185	1,990,965	824.07	2,246	170	2,416	2,229	2,754	7,083,799
Steam packing,	6	210,995	97,303	32,424	831.38	39	—	39	33	46	252,105

	7	176,276	109,485	188,588	997.82	184	5	189	175	205	434,578
Stereotyping and electrotyping,											
Structural ironwork, not made in steel works or rolling mills,	20	306,415	483,488	186,677	928.74	201	-	201	146	260	940,777
Surgical appliances,	7	242,008	202,946	110,613	573.12	55	138	198	109	261	436,702
Suspenders, garters, and elastic woven goods,	7	1,309,333	1,522,290	416,641	524.08	101	694	795	701	1,008	2,338,004
Tobacco manufactures,	67	3,999,677	3,022,333	2,476,016	948.28	2,089	521	2,610	1,653	2,912	7,333,420
Trunks and valises,	14	248,179	278,356	99,563	686.64	114	31	145	98	201	496,372
Window shades and fixtures,	6	94,601	250,224	24,148	619.18	24	15	39	29	46	337,306
Wirework, including wire rope and cable,	8	27,985	40,120	21,877	731.32	22	5	28	34	84	83,790
Wood, turned and carved,	7	69,808	31,994	21,271	574.89	37	-	37	23	63	81,537
Other industries,	251	50,217,177	63,460,771	11,208,705	757.70	11,361	3,432	14,798	12,671	17,094	89,120,109
BROCKTON.											
Blacking, stains, and dressings,	112	42,590,968	52,866,061	12,452,403	767.58	11,694	4,629	16,225	13,216	19,540	73,074,636
Boot and shoe cut stock and findings,	12	248,754	316,425	33,988	828.98	36	5	41	37	45	520,250
Boots and shoes,	49	6,646,261	13,259,760	1,263,849	651.78	1,232	694	1,976	1,537	2,339	16,242,673
Boxes, fancy and paper,	23	23,590,278	34,286,187	9,023,453	798.96	7,937	3,357	11,294	9,389	13,290	50,561,036
Boxes, wooden packing,	4	225,270	174,673	81,893	499.35	49	115	164	141	197	351,310
Bread and other bakery products,	4	220,083	173,826	69,198	731.74	85	-	85	72	108	328,993
Confectionery and ice cream,	14	348,537	623,921	139,764	970.58	144	-	144	131	156	1,078,415
Cutlery and tools, not elsewhere specified,	5	268,371	297,167	61,680	431.23	52	91	143	76	131	510,070
Foundry and machine-shop products,	10	103,678	90,831	100,560	946.92	104	-	104	86	126	290,631
Lasts,	12	792,095	449,912	339,801	831.13	433	36	469	315	655	1,119,018
Other industries,	7	737,914	352,978	233,453	704.84	282	18	300	217	394	966,983
	62	5,389,741	2,840,381	1,026,764	683.14	1,190	313	1,503	1,225	1,804	6,019,102
CAMBRIDGE.											
Bookbinding and blank-book making,	306	61,413,416	61,018,879	15,877,877	743.67	16,338	6,061	21,379	17,335	25,168	101,805,403
Bread and other bakery products,	7	689,846	192,914	200,373	614.64	133	193	326	305	342	499,395
Confectionery and ice cream,	43	2,352,533	3,769,377	768,709	762.61	796	212	1,008	923	1,137	6,415,654
Confectionery,	20	5,531,751	4,049,433	807,488	469.19	688	1,195	1,731	1,462	2,024	6,559,186
Ice cream,	15	3,156,710	3,554,169	712,832	439.78	430	1,191	1,621	1,398	1,895	5,491,342
	5	178,041	495,263	94,600	946.00	98	2	100	74	129	360,844

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.
 B. THE 37 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number			Smallest Number		Greatest Number
						Average Number					
						Males	Females	Both Sexes			
CAMBRIDGE — Concluded.											
Foundry and machine-shop products, . . .	34	\$3,357,335	\$7,185,162	\$3,898,766	\$933.39	3,916	261	4,177	3,416	5,247	\$14,047,047
Furniture,	11	1,548,552	503,901	763,506	912.19	800	37	837	733	933	1,590,455
Instruments, professional and scientific, . .	6	335,046	192,833	100,465	881.27	105	9	114	82	166	448,533
Lumber, planing-mill products,	5	190,766	196,010	150,624	1,038.79	145	-	145	96	191	532,859
Marble and stone work,	6	177,396	82,045	117,691	926.70	127	-	127	84	175	266,676
Musical instruments, pianos and organs, and materials,	5	3,228,569	713,800	613,029	744.87	750	73	823	576	913	1,772,416
Patent medicines and compounds and drug- gists' preparations,	3	215,092	155,333	61,299	600.97	52	50	102	89	125	305,008
Structural ironwork,	12	1,680,354	1,550,204	430,418	904.24	476	-	476	406	555	2,934,387
Wood, turned and carved,	3	82,253	4,384	10,972	783.71	13	1	14	12	17	25,318
Other industries,	151	42,260,273	42,363,424	7,954,243	691.13	7,487	4,022	11,509	9,650	13,341	66,462,066
CHELSEA.											
Boots and shoes,	106	14,095,569	11,075,463	4,591,449	743.19	4,538	1,650	6,178	4,878	7,709	26,176,185
Boxes, fancy and paper,	7	4,431,892	4,172,231	1,202,017	643.48	1,203	665	1,868	1,247	2,568	7,512,764
Bread and other bakery products,	4	331,912	306,628	95,264	517.74	83	101	184	164	250	560,976
Tobacco manufactures,	15	237,837	449,659	113,245	1,099.47	102	1	103	98	113	687,943
Other industries,	4	4,084	10,048	6,015	668.33	7	2	9	9	9	22,664
Other industries,	76	9,039,844	9,133,897	3,174,908	790.96	3,133	881	4,014	3,335	4,769	17,331,838

CHICAGO.		59	40,536,086	37,184,868	14,659,788	891.26	13,980	2,496	16,486	14,807	18,534	66,895,247
All industries,		52	40,536,086	37,184,868	14,659,788	891.26	13,980	2,496	16,486	14,807	18,534	66,895,247
EVERETT.		84	35,465,559	14,449,560	5,917,825	863.97	3,887	707	4,554	3,856	5,348	28,138,505
Boots and shoes,		4	675,681	1,363,526	533,229	717.47	427	319	746	533	862	2,225,741
Bread and other bakery products,		5	17,412	33,611	6,172	686.78	9	-	9	7	10	55,443
Foundry and machine-shop products,		15	2,392,291	2,740,758	1,043,416	990.89	1,052	-	1,052	841	1,338	4,387,958
Other industries,		60	32,373,175	10,311,655	2,333,406	855.67	2,339	388	2,727	2,404	3,083	20,916,161
FALL RIVER.		257	110,107,699	69,841,911	24,392,596	608.75	31,011	16,596	57,807	35,394	32,966	118,653,776
Bread and other bakery products,		65	328,681	1,005,293	177,329	791.65	222	2	224	211	228	1,508,783
Copper, tin, and sheet-iron products,		5	37,242	23,914	21,416	581.13	23	-	23	18	26	63,000
Cotton goods,		47	78,970,220	55,849,860	18,381,436	608.65	15,809	14,973	30,782	29,519	31,694	92,143,372
Cotton small wares,		6	1,229,368	830,065	218,190	454.56	187	298	480	428	542	1,307,301
Foundry and machine-shop products,		24	1,284,008	1,297,129	505,215	738.62	574	110	684	619	745	2,163,655
Lumber, planing-mill products,		4	126,500	80,133	52,413	818.95	64	-	64	56	71	163,962
Marble and stone work,		3	60,704	6,766	42,652	804.76	53	-	53	27	77	60,489
Mineral and soda waters,		3	10,932	29,257	8,117	676.42	12	-	12	9	17	50,007
Monuments and tombstones,		5	34,551	12,281	13,687	912.47	15	-	15	11	21	36,042
Sausage, not made in slaughtering and meat- packing establishments,		6	24,219	169,665	16,217	737.14	21	1	22	17	23	207,877
Other industries,		69	28,001,179	10,520,593	3,255,924	620.41	4,031	1,217	5,248	4,379	5,882	20,852,438
FITCHBURG.		113	41,177,549	30,440,697	8,131,554	768.73	7,685	3,092	10,717	9,617	13,003	50,815,457
Bread and other bakery products,		18	93,351	333,809	63,561	882.79	71	1	72	68	75	439,400
Confectionery and ice cream,		3	30,881	63,041	17,338	692.52	16	9	25	21	30	100,394
Cotton goods,		6	7,908,843	6,176,978	2,052,312	665.90	1,549	1,580	3,129	2,935	3,310	10,328,868
Foundry and machine-shop products,		22	5,393,237	2,907,009	1,878,858	919.21	2,021	23	2,044	1,823	2,414	6,379,677
Printing and publishing,		5	76,521	33,219	62,339	809.60	68	9	77	71	85	159,531
Other industries,		59	27,674,709	20,716,541	4,056,946	755.48	3,900	1,470	5,370	4,699	6,089	32,757,607

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.
 B. THE 37 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Average Number					
						Males	Females	Both Sexes			
GLOUCESTER.	71	\$9,725,861	\$10,907,466	\$1,891,180	\$748.69	1,848	684	1,874	3,138	\$17,871,176	
Canning and preserving, fish,	13	6,228,831	7,618,226	907,973	839.16	942	140	778	1,335	11,823,747	
Clothing, men's,	5	72,443	130,635	60,647	673.86	17	73	68	114	246,487	
Shipbuilding, wooden, including boat build- ing,	8	107,894	43,522	25,631	915.39	28	-	21	32	102,770	
Tobacco manufactures,	6	6,844	12,789	6,764	520.31	10	3	13	14	27,367	
Other industries,	39	3,309,849	3,102,263	890,165	677.96	845	468	994	1,637	5,070,806	
HAVERHILL.	364	28,798,963	43,783,421	11,792,765	716.38	10,297	6,503	10,431	31,079	68,700,383	
Boot and shoe cut stock and findings,	142	7,060,918	11,041,903	1,352,292	689.05	1,432	532	1,276	2,843	14,590,287	
Boots and shoes,	125	15,370,900	25,331,834	8,820,043	759.17	7,221	4,397	7,387	15,511	42,832,694	
Boxes, fancy and paper,	6	232,695	325,863	128,907	613.84	84	126	164	243	599,131	
Bread and other bakery products,	16	105,111	235,659	39,066	813.88	41	7	44	55	371,159	
Confectionery and ice cream,	6	34,662	90,327	16,810	730.87	18	5	16	31	175,783	
Foundry and machine-shop products,	6	413,406	79,587	153,597	887.84	169	4	121	210	276,691	
Models and patterns, not including paper patterns,	6	22,958	12,376	31,129	972.78	32	-	25	41	68,913	
Other industries,	57	5,553,303	6,554,822	1,249,921	731.66	1,300	482	1,368	2,145	9,785,725	
HOLYOKE.	166	67,617,132	42,264,459	13,383,877	760.56	10,405	7,091	16,780	19,222	73,173,192	
Bread and other bakery products,	29	278,209	597,340	125,473	922.60	124	12	123	150	928,128	
Flour-mill and gristmill products,	3	9,000	135,260	2,860	953.33	3	-	3	3	139,708	

Foundry and machine-shop products,	16	4,480,745	2,327,352	1,347,319	951.50	1,325	91	1,416	1,276	1,609	5,585,784
Lumber, planing-mill products,	4	315,470	366,752	134,500	810.78	166	-	166	139	137	599,700
Paper and wood pulp,	21	20,461,532	12,226,558	3,266,721	799.21	2,871	1,254	4,125	3,517	4,732	19,120,234
Paper goods, not elsewhere specified,	6	2,031,236	1,931,330	333,704	796.07	330	153	432	391	593	2,788,244
Printing and publishing, book and job,	9	122,193	45,108	49,164	664.33	47	27	74	64	79	152,785
Sausage, not made in slaughtering and meat- packing establishments,	4	12,260	79,711	9,875	897.72	10	1	11	11	11	101,933
Stationary goods, not elsewhere specified,	9	2,505,146	1,375,712	492,117	616.69	365	433	798	706	931	2,833,988
Tobacco manufactures,	6	38,431	37,336	33,399	726.07	36	10	46	35	55	98,570
Other industries,	59	37,361,870	23,141,980	7,408,655	725.70	5,128	5,061	10,209	9,455	10,872	40,753,998
LAWRENCE.											
Bread and other bakery products,	178	175,534,619	106,995,567	26,408,225	746.42	21,453	19,533	34,040	23,331	37,734	174,495,639
Cotton goods,	46	332,029	776,133	119,336	796.91	180	-	150	133	161	1,203,604
Foundry and machine-shop products,	6	15,484,100	8,915,886	2,770,667	647.96	2,196	2,060	4,276	3,693	4,571	14,409,734
Sausage, not made in slaughtering and meat- packing establishments,	19	1,763,739	1,097,314	720,235	833.72	743	72	815	725	913	2,654,345
Tobacco manufactures,	6	61,176	220,207	14,663	814.56	18	-	18	17	19	263,526
Other industries,	4	3,092	9,637	7,613	634.42	11	1	12	10	14	23,353
Woolen and worsted goods,	12	120,233,296	85,605,297	17,300,173	755.40	13,351	9,545	22,396	19,103	25,543	135,618,681
Other industries,	79	37,537,185	10,340,598	4,475,489	762.04	4,989	884	5,873	5,195	6,553	20,322,441
LEOMINGSTER.											
Bread and other bakery products,	69	10,908,233	9,618,437	3,860,551	679.33	3,731	3,001	5,722	4,733	6,700	17,738,694
Combs and hairpins,	3	19,524	75,574	15,761	733.05	20	-	20	19	20	107,542
Foundry and machine-shop products,	21	2,325,061	2,355,226	1,009,529	676.03	1,043	449	1,492	1,232	1,803	4,568,398
Other industries,	6	90,273	43,905	23,691	796.97	35	1	36	28	44	96,337
Other industries,	39	7,772,765	7,243,712	2,836,570	679.53	2,623	1,551	4,174	3,444	4,333	12,966,167

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.

B. THE 37 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Average Number					
						Males	Females	Both Sexes			
LOWELL.											
✓ Boots and shoes,	254	\$37,487,120	\$73,030,880	\$35,003,104	\$637.88	22,067	14,281	36,348	43,341	\$180,115,831	
Boxes, wooden packing,	7	1,559,727	2,443,680	735,249	671.46	711	384	1,095	667	3,850,716	
Bread and other bakery products,	8	628,756	690,096	179,148	624.21	287	-	287	255	964,035	
Confectionery and ice cream,	46	173,318	831,175	183,371	797.27	220	10	230	215	1,297,697	
Confectionery,	9	74,037	164,815	26,719	722.14	33	4	37	30	261,515	
Ice cream,	5	46,220	94,697	14,899	647.78	19	4	23	21	149,880	
Copper, tin, and sheet-iron products,	4	27,817	70,118	11,820	844.29	14	-	14	9	111,935	
Cotton goods,	6	46,445	34,621	26,511	779.74	34	-	34	26	94,268	
Foundry and machine-shop products,	8	39,400,922	26,278,705	8,260,942	645.29	7,298	5,504	12,802	11,442	44,939,261	
Lumber, planing-mill products,	24	5,793,323	3,311,100	2,183,366	787.08	2,740	34	2,774	2,610	6,347,311	
Mattresses and spring beds,	6	175,057	137,458	77,697	882.92	88	-	88	75	290,543	
Mineral and soda waters,	3	26,600	30,577	11,860	494.17	19	5	24	20	57,500	
Monuments and tombstones,	4	23,700	14,888	8,670	722.50	13	-	13	10	37,700	
Patent medicines and compounds and druggists' preparations,	5	16,919	9,296	11,563	889.46	13	-	13	9	33,132	
Printing and publishing,	6	1,518,718	449,467	96,179	553.92	97	66	163	122	1,018,441	
Tobacco manufactures,	12	330,339	299,000	140,029	1,029.63	116	20	136	118	534,075	
	7	25,635	19,923	11,610	725.63	16	-	16	14	41,480	

Wood, turned and carved,	3	344,533	257,398	166,949	486.44	343	-	343	301	402	576,403
Woolen and worsted goods,	12	5,622,818	5,555,465	1,643,227	706.16	1,105	1,222	2,327	2,033	2,567	8,802,450
Other industries,	88	31,726,073	32,401,617	11,241,114	704.02	8,935	7,082	15,967	12,866	20,100	50,968,675
LYNN.											
Blacking, stains, and dressings,	411	67,611,091	64,808,458	20,756,918	801.66	16,461	7,318	26,773	20,820	32,825	113,690,818
Boat and shoe cut stock and findings,	11	336,631	584,637	67,859	807.85	68	16	84	67	100	945,082
Boots and shoes,	92	9,286,488	17,178,518	962,000	644.08	1,077	402	1,479	1,017	2,028	20,583,977
Boxes, paper and wooden,	101	17,230,511	20,146,888	7,064,942	770.95	5,322	3,842	9,164	6,168	13,930	33,847,716
Bread and other bakery products,	8	568,317	567,102	246,732	564.60	208	229	437	335	480	1,077,866
Carriages and wagons, and materials,	34	183,098	637,177	146,043	874.51	162	5	167	157	174	1,042,801
Confectionery and ice cream,	4	31,026	29,459	18,522	841.91	22	-	22	18	26	61,568
Foundry and machine-shop products,	8	91,310	171,264	45,785	716.39	52	12	64	37	96	314,769
Leather, tanned, curried, and finished,	27	1,593,893	411,007	394,250	846.03	447	19	466	397	547	1,241,874
Lumber, planing-mill products,	8	600,310	206,455	251,029	936.68	261	7	268	190	384	727,357
Mineral and soda waters,	13	5,330,905	7,293,072	830,739	701.09	1,040	145	1,185	925	1,577	9,374,941
Models and patterns, not including paper patterns,	4	108,402	119,748	52,882	896.30	59	-	59	40	82	215,833
Monuments and tombstones,	3	46,135	36,227	12,428	828.53	15	-	15	8	25	78,637
Other industries,	12	59,349	32,031	47,750	955.00	49	1	50	38	70	183,009
All industries,	4	29,783	13,082	14,387	1,027.64	14	-	14	12	18	36,129
MALDEN.											
All industries,	82	22,226,628	17,381,612	10,689,970	861.04	9,665	2,634	12,299	11,361	13,288	43,909,859
MARLBOROUGH.											
All industries,	70	14,169,143	7,158,830	3,031,587	705.68	2,370	1,296	4,296	3,492	5,278	15,713,334
MARLBOROUGH.											
All industries,	37	6,457,405	10,359,980	2,732,326	671.00	2,791	1,281	4,072	3,401	5,013	14,848,748
All industries,	37	6,437,405	10,359,980	2,732,326	671.00	2,791	1,281	4,072	3,401	5,013	14,848,748

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.

B. THE 37 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product
						Average Number			Smallest Number	Greatest Number
						Males	Females	Both Sexes		
MEDFORD.										
All industries,	38	\$2,778,902	\$1,841,398	\$322,601	\$751.93	641	187	828	581	1,906
	38	2,778,902	1,841,398	622,601	751.93	641	187	828	581	1,906
MELROSE.										
All industries,	21	2,998,802	2,232,371	836,121	694.22	566	624	1,190	1,035	1,334
	21	2,998,802	2,232,371	836,121	694.22	566	624	1,190	1,035	1,334
NEW BEDFORD.										
Bread and other bakery products,	185	130,931,442	90,530,068	27,090,340	691.61	23,257	15,812	39,069	35,128	42,785
Confectionery and ice cream,	43	615,351	1,144,670	230,609	662.67	262	86	348	325	376
Cotton goods,	5	72,021	70,321	21,151	881.29	20	4	24	12	45
Foundry and machine-shop products,	20	115,452,403	67,654,171	22,980,935	686.16	18,786	14,705	33,492	30,521	36,251
Monuments and combstones,	15	420,563	338,358	258,848	750.28	313	32	345	315	383
	3	18,756	10,849	9,396	939.60	10	-	10	6	13
Sausage, not made in slaughtering and meat- packing establishments,	5	40,462	338,002	19,453	810.54	24	-	24	23	25
Other industries,	85	14,311,886	20,933,697	3,499,948	725.23	3,842	984	4,826	3,926	5,689
NEWBURYPORT.										
Boot and shoe cut stock and findings,	64	9,383,626	9,569,688	2,525,048	635.71	2,605	1,367	3,972	3,558	5,508
Boots and shoes,	5	215,577	263,658	92,479	589.04	96	61	157	90	229
Boxes, fancy and paper,	13	3,015,029	3,446,524	1,262,794	641.66	1,188	780	1,968	1,770	2,794
	3	20,514	33,983	23,446	480.88	14	38	52	35	63

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.
 B. THE 37 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	WAGE-EARNERS EMPLOYED						Value of Product
					Average Number			Smallest Number	Greatest Number		
					Average Number						
					Males	Females	Both Sexes				
QUINCY.	152	\$41,603,829	\$15,724,212	\$9,195,373	\$1,158.55	7,440	497	7,937	5,833	11,468	\$27,866,513
Bread and other bakery products,	7	16,185	62,741	12,168	760.50	13	3	16	16	16	100,504
Cutlery and tools, not elsewhere specified,	4	61,576	60,955	19,555	977.75	20	-	20	16	28	96,313
Marble and stone work,	16	996,747	184,184	268,569	973.08	276	-	276	230	327	592,813
Monuments and tombstones,	90	1,252,411	613,316	684,792	988.59	707	-	707	526	902	2,011,447
Other industries,	35	39,276,910	14,803,016	8,210,289	1,186.80	6,424	494	6,918	5,035	9,995	25,063,436
REVERE.	18	506,456	651,073	113,568	901.33	118	8	126	98	177	996,660
All industries,	18	506,456	651,073	113,568	901.33	118	8	126	98	177	926,500
SALEM.	132	16,650,418	12,733,563	4,061,147	687.86	3,768	2,136	5,904	4,741	7,804	\$2,590,735
Boot and shoe cut stock and findings,	17	494,073	629,117	216,938	573.91	225	153	378	309	463	1,069,975
Boots and shoes,	12	3,677,671	3,832,441	1,389,379	678.74	1,230	817	2,047	1,571	2,591	7,066,318
Bread and other bakery products,	11	120,600	423,327	66,582	832.28	76	4	80	74	96	616,934
Foundry and machine-shop products,	18	505,411	334,298	252,995	951.11	265	1	266	209	332	768,343
Leather, tanned, curried, and finished,	28	2,284,747	3,164,178	879,668	807.03	1,046	44	1,090	736	1,491	4,572,143
Other industries,	46	9,567,916	4,350,202	1,255,585	614.58	926	1,117	2,043	1,842	2,242	8,437,022
SOMERVILLE.	113	50,692,884	63,117,562	4,657,484	815.39	5,355	357	6,712	4,934	6,636	76,710,804
Bread and other bakery products,	22	272,726	762,606	128,692	784.71	136	28	164	143	184	1,102,742
Confectionery and ice cream,	6	62,320	233,453	45,111	791.42	40	17	57	41	86	322,536
Foundry and machine-shop products,	8	179,301	178,037	84,284	936.49	87	3	90	80	104	343,838
Other industries,	77	30,112,537	61,943,466	4,399,397	814.55	5,092	309	5,401	4,670	6,262	74,941,098

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.

B. THE 37 CITIES: BY INDUSTRIES — Concluded.

CITIES AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
WOBURN.											
Boot and shoe cut stock and findings, . . .	43	\$13,678,386	\$9,823,613	\$2,074,537	\$333.51	2,916	135	2,549	1,779	2,932	\$15,920,785
Bread and other bakery products, . . .	3	93,703	86,877	33,250	523.97	40	33	73	55	94	149,933
Cutlery and tools, not elsewhere specified, . .	3	4,852	25,910	4,072	814.40	5	-	5	5	5	39,300
Foundry and machine-shop products, . . .	4	382,800	218,497	136,099	859.74	150	9	159	146	175	496,800
Leather, tanned, curried, and finished, . .	17	6,550,263	5,026,775	921,627	837.84	1,063	37	1,100	710	1,587	7,243,517
Other industries,	18	6,597,355	4,451,167	946,358	964.69	928	53	981	835	1,088	7,944,772
WORCESTER.											
Boots and shoes,	516	132,315,436	100,920,517	36,314,474	866.69	33,944	7,841	41,785	35,868	48,586	192,322,928
Bread and other bakery products, . . .	10	2,231,630	2,828,460	829,920	693.33	645	552	1,197	771	1,496	4,388,500
Carriages and wagons, and materials, . . .	56	642,278	1,650,765	306,052	831.66	294	74	368	334	404	3,561,648
Clothing, men's,	5	110,225	33,683	39,420	1,194.55	33	-	33	28	39	96,965
Clothing, women's,	15	525,443	609,395	233,355	641.09	137	227	364	294	440	1,069,978
Confectionery and ice cream,	18	898,819	921,999	309,493	508.20	96	513	609	376	759	1,631,076
Copper, tin, and sheet-iron products, . . .	9	67,037	209,123	33,943	789.37	34	9	43	35	57	324,345
Cutlery and tools, not elsewhere specified, .	13	1,031,971	668,725	298,504	781.42	357	25	382	333	441	1,378,816
Electroplating,	18	1,524,924	870,014	719,144	841.10	774	81	855	741	997	2,401,373
Foundry and machine-shop products, . . .	5	43,508	19,203	39,166	687.12	53	4	57	41	75	97,232
	97	40,968,171	30,565,996	13,964,615	1,022.07	13,290	373	13,663	12,269	15,327	61,079,822

Lumber, planing-mill products,	7	341,413	363,915	192,265	846.96	327	-	237	187	375	692,049
Mineral and soda waters,	5	79,077	68,578	36,102	1,002.83	36	-	36	20	61	140,015
Models and patterns, not including paper patterns,	4	34,481	27,716	57,464	1,093.14	56	-	56	46	69	113,964
Sausage, not made in slaughtering and meat- packing establishments,	4	137,587	448,664	35,547	990.73	37	-	37	36	38	595,633
Tobacco manufactures,	12	42,594	66,602	40,340	633.73	46	13	59	43	68	138,720
Wirework, including wire rope and cable,	8	3,007,763	1,968,877	839,171	680.59	933	300	1,233	1,037	1,459	3,352,818
Woolen and worsted goods,	12	4,474,120	5,509,539	1,135,566	694.96	808	826	1,634	1,425	1,829	8,292,724
Other industries,	218	76,254,416	53,798,263	17,104,407	817.14	16,068	4,844	20,932	17,797	24,552	103,363,695
TOTAL FOR THE 37 CITIES,	7,625	\$1,684,153,603	\$1,358,685,119	\$409,599,770	\$764.78	372,511	163,691	636,108	453,638	692,086	\$3,301,714,396

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES.

INDUSTRIES.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
METROPOLITAN BOSTON.	4,409	\$616,023,935	\$564,319,619	\$156,950,905	\$784.34	142,352	57,754	200,106	162,932	244,228	\$947,853,776
Artificial limbs,	4	22,589	12,891	13,634	802.00	17	—	17	14	20	48,808
Artificial stone products,	17	399,946	126,392	182,760	937.23	195	—	195	117	279	423,623
Automobiles, including bodies and parts,	43	5,082,302	2,337,379	1,375,540	875.58	1,551	20	1,571	910	2,260	4,892,828
Awnings, tents, and sails,	28	323,602	441,454	183,502	764.59	135	105	240	134	370	859,427
Baskets, and rattan and willow ware,	8	116,097	56,907	38,607	737.90	40	9	49	46	52	120,462
Belting, leather,	5	886,534	1,062,618	57,313	807.23	64	7	71	64	76	1,364,630
Blacking, stains, and dressings,	28	1,507,821	2,654,254	333,918	582.75	246	327	573	499	647	4,095,888
Bookbinding and blank-book making,	57	1,503,147	686,228	877,423	640.45	571	799	1,370	1,228	1,554	2,174,807
Boot and shoe cut stock and findings,	154	20,769,371	48,176,960	2,347,682	652.50	2,725	873	3,598	2,708	4,653	56,100,508
Boots and shoes,	145	45,553,791	51,498,307	16,629,673	708.16	13,887	9,596	23,483	16,996	31,314	84,712,531
Boots and shoes, rubber,	5	20,139,531	14,100,697	7,599,016	728.80	5,829	4,599	10,428	8,978	12,084	33,912,018
Boxes, fancy and paper,	44	2,762,714	3,108,697	1,233,350	517.56	835	1,548	2,383	2,102	2,716	5,784,192
Boxes, wooden packing,	10	1,752,487	1,562,628	553,166	773.66	640	75	715	653	759	2,765,480
Bread and other bakery products,	459	8,435,907	16,183,332	3,163,445	795.04	3,244	735	3,979	3,653	4,425	26,380,518
Brick and tile,	9	641,748	325,410	297,155	767.84	326	61	387	289	483	654,074
Canning and preserving,	28	1,455,664	3,267,704	306,688	655.32	284	184	468	385	620	4,355,406
Carriages and wagons, and materials,	34	654,557	390,805	378,312	867.69	436	—	436	365	504	991,122

Chemicals,	12	9,214,607	3,540,395	1,186,062	988,05	1,223	15	1,235	1,095	1,357	7,346,583
Cleansing and polishing preparations,	11	331,798	367,076	43,004	767,93	46	10	56	47	63	622,280
Clothing, men's,	175	10,547,098	11,647,354	3,524,618	755,22	2,442	2,225	4,067	3,347	6,057	20,614,335
Clothing, men's, buttonholes,	5	1,709	980	4,968	554,22	5	4	9	8	9	11,604
Clothing, women's,	189	4,617,227	7,895,780	2,716,676	652,42	1,048	3,116	4,164	2,744	5,584	13,114,515
Coffee and spice, roasting and grinding,	15	6,037,630	7,288,024	328,536	653,03	293	188	431	441	514	9,635,482
Confectionery and ice cream,	123	13,794,460	29,745,155	4,190,185	512,99	2,990	5,943	8,163	6,741	9,951	32,545,167
Confectionery,	82	13,212,779	19,338,498	3,922,779	496,89	1,934	5,929	7,943	6,526	9,495	30,269,782
Ice cream,	41	581,670	1,354,657	267,346	876,54	286	19	305	215	436	2,378,435
Copper, tin, and sheet-iron products,	86	4,878,397	4,798,447	1,627,720	789,39	1,897	165	2,062	1,694	2,521	8,904,259
Cotton goods,	10	5,516,266	2,799,211	1,074,837	656,98	892	744	1,436	1,525	1,757	5,195,668
Cutlery and tools, not elsewhere specified,	59	11,097,489	2,262,000	1,419,357	790,73	1,239	556	1,795	1,492	2,186	9,270,250
Dental goods,	7	133,447	608,495	34,063	740,48	37	9	46	43	48	689,944
Dyeing and finishing textiles,	19	5,905,363	4,586,928	1,314,992	669,55	1,566	398	1,064	1,676	2,325	8,565,781
Dyestuffs and extracts,	14	1,057,413	1,454,764	56,402	749,14	114	-	114	107	127	2,019,104
Electrical machinery, apparatus, and supplies,	51	29,378,380	23,170,429	13,059,483	833,35	12,147	3,524	15,671	14,250	16,793	54,484,466
Electroplating,	28	111,684	61,020	127,339	826,88	142	12	154	129	180	287,776
Engraving and die-sinking,	12	43,899	24,900	50,665	938,24	48	6	54	49	64	141,997
Engraving, steel and copper plate, including plate printing,	17	397,529	190,366	352,923	909,60	238	150	398	328	455	917,643
Fancy articles, not elsewhere specified,	14	733,002	429,120	273,836	510,89	258	278	536	408	707	1,034,249
Felt goods,	5	1,001,065	887,102	307,333	647,02	335	140	475	430	560	1,888,535
Flavoring extracts,	9	480,553	448,082	33,803	563,38	25	35	60	52	69	855,556
Food preparations,	35	2,470,634	3,260,990	377,894	689,59	411	137	548	406	713	5,577,265
Foundry and machine-shop products,	287	52,983,467	26,781,364	17,343,484	933,30	18,203	380	18,563	14,850	23,577	61,808,970

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES — Continued.

INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product	
						Average Number			Smallest Number	Greatest Number		
						Males	Females	Both Sexes				
Metropolitan Boston — Continued.												
Fur goods,	13	\$486,107	\$407,296	\$200,979	\$1,046.77	92	100	192	120	252	\$321,201	
Furnishing goods, men's,	12	694,367	919,936	155,675	534.97	57	234	291	214	340	1,424,943	
Furniture,	60	5,019,033	3,169,089	2,098,686	792.56	2,336	312	2,648	2,246	2,964	7,410,069	
Gas, illuminating and heating,	14	16,002,647	2,835,404	633,725	946.99	722	—	722	618	875	7,842,796	
Glass, cutting, staining, and ornamenting,	26	159,414	76,077	120,707	862.19	126	14	140	115	167	314,063	
Gold and silver, leaf and foil,	9	119,822	125,968	93,086	674.17	68	75	138	108	159	266,411	
Grease and tallow,	8	807,850	1,117,563	157,724	852.56	184	1	185	172	196	1,694,848	
Hand stamps, and stencils and brands,	14	85,998	89,784	62,231	864.32	72	—	72	64	81	229,173	
Hardware,	16	383,294	154,800	171,199	935.51	168	15	183	147	223	491,127	
Hats and caps, other than felt, straw, and wool,	26	413,025	586,788	228,772	789.79	196	97	293	247	334	1,110,047	
Hosiery and knit goods,	31	9,975,850	7,304,338	2,019,531	581.32	677	2,797	3,474	3,028	3,816	12,266,512	
House furnishing goods, not elsewhere speci- fied,	14	729,979	992,270	178,284	553.68	158	164	322	276	367	1,345,273	
Instruments, professional and scientific,	25	2,243,268	953,519	807,200	833.15	818	96	914	613	1,448	2,403,314	
Jewelry,	29	652,370	514,966	273,659	839.44	244	83	326	273	378	1,128,180	
Jewelry and instrument cases,	6	523,296	482,872	253,024	472.94	141	394	535	443	603	1,022,467	

Leads,	13	750,907	338,769	359,388	1,015.22	347	7	354	282	500	1,045,803
Leather goods, not elsewhere specified,	20	339,667	580,362	120,777	575.13	111	99	210	133	304	949,911
Leather, tanned, curried, and finished,	46	15,090,771	16,447,848	2,468,390	785.60	2,947	195	3,142	2,126	4,580	22,468,757
Liquors, malt,	13 ¹	13,904,066	3,612,824	1,383,529	1,100.66	1,246	11	1,257	1,135	1,347	9,029,884
Lithographing,	9	1,643,396	1,435,813	788,024	777.14	724	290	1,014	969	1,065	3,411,831
Looking-glass and picture frames,	22	177,777	178,879	94,515	851.49	110	1	111	102	120	370,013
Lumber, planing-mill products,	78	2,550,660	2,374,993	1,204,109	936.24	1,298	2	1,300	981	1,655	4,696,847
Marble and stone work,	39	1,783,348	572,336	654,100	945.23	692	-	692	516	878	1,564,332
Mattresses and spring beds,	27	1,230,334	2,043,186	340,241	725.46	349	120	469	399	522	2,090,499
Millinery and lace goods,	57	1,991,924	2,966,223	721,595	534.80	192	1,183	1,375	946	1,752	4,806,833
Mineral and soda waters,	40	1,049,238	860,553	169,069	836.98	202	-	202	138	316	1,794,338
Mirrors,	6	117,438	276,239	82,616	772.11	106	1	107	91	120	487,273
Models and patterns, not including paper patterns,	34	140,614	77,031	184,436	1,030.37	177	2	179	140	231	405,286
Monuments and tombstones,	110	1,897,485	684,732	754,038	971.70	776	-	776	580	992	2,230,814
Mucilage and paste,	12	514,332	1,061,349	57,961	793.99	61	12	73	63	84	1,475,324
Musical instruments and materials, not speci- fied,	12	359,368	195,119	175,283	804.05	174	44	218	176	263	483,240
Musical instruments, pianos and organs, and materials,	24	8,266,438	2,696,812	1,832,884	828.98	2,063	128	2,211	1,743	2,522	5,508,938
Paints and varnishes,	23	3,773,019	3,689,031	392,711	980.74	439	64	503	439	590	6,327,160
Paper goods, not elsewhere specified,	16	476,677	285,001	108,339	453.88	93	131	224	160	299	553,820
Patent medicines and compounds, and drug- gists' preparations,	67	6,288,421	5,301,767	720,875	539.98	594	741	1,335	1,022	1,707	11,629,041

¹ Includes one establishment having four branches.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES — Concluded.

INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number		Smallest Number	Greatest Number		
						Males	Females				Both Sexes
Metropolitan Boston — Concluded.											
Plumbers' supplies,	11	\$483,960	\$276,816	\$152,776	\$334.84	176	7	183	148	211	\$319,571
Printing and publishing,	356	16,920,076	10,919,670	6,516,726	920.05	5,531	1,552	7,083	6,427	7,699	25,444,160
Refrigerators,	7	149,659	132,331	71,574	941.76	76	—	76	44	93	292,082
Rubber goods, not elsewhere specified,	23	10,617,253	7,630,760	1,671,638	739.34	1,593	668	2,261	1,968	2,554	14,019,632
Saddlery and harness,	13	62,460	88,824	29,489	867.32	33	1	34	27	38	158,189
Sausage, not made in slaughtering and meat-											
packing establishments,	16	527,787	3,348,435	194,860	829.19	231	4	235	202	273	3,859,971
Screws, machine,	9	523,582	404,984	182,407	763.21	214	25	239	185	320	800,587
Shipbuilding, wooden, including boat build- ing,	22	1,668,590	1,556,088	951,918	1,112.05	856	—	856	495	1,137	3,617,905
Show cases,	6	64,085	64,098	38,500	1,040.54	37	—	37	31	43	128,017
Signs and advertising novelties,	14	205,632	189,333	171,969	653.89	133	128	261	225	307	557,729
Slaughtering and meat packing,											
Soap,	19	6,418,589	7,978,843	531,098	657.30	558	250	808	629	956	67,844,332
Stationery goods, not elsewhere specified,	10	982,703	1,238,393	404,333	618.32	299	355	654	599	718	11,493,898
Statuary and art goods,	9	200,836	41,110	67,180	907.84	73	1	74	58	106	2,078,691
Steam fittings, and steam and hot-water heat- ing apparatus,	13	7,557,539	3,157,731	2,120,952	823.35	2,406	170	2,576	2,376	2,924	178,058
											7,586,319

	8	372,026	191,528	48,772	826.64	58	1	89	51	70	388,900
Steam packing,	7	176,276	109,485	188,588	997.82	184	5	189	175	206	484,578
Stereotyping and electrotyping,											
Structural ironwork, not made in steel works											
or rolling mills,	45	3,888,549	4,553,675	1,309,509	963.58	1,359	-	1,359	1,066	1,777	7,800,263
Surgical appliances,	10	317,737	246,726	140,297	604.73	81	151	232	136	307	551,622
Suspenders, garters, and elastic woven goods,	12	2,185,610	2,227,257	675,065	565.85	208	985	1,198	914	1,465	4,181,733
Tobacco manufactures,	84	3,714,455	3,053,300	2,406,442	945.62	2,112	528	2,640	1,688	2,945	7,384,185
Trunks and valises,	17	378,939	410,317	138,476	678.80	156	43	204	140	279	733,217
Watch and clock materials,	6	175,066	98,673	153,969	616.12	104	164	268	229	264	349,632
Window and door screens,	7	183,187	100,174	62,325	732.06	83	2	85	44	133	201,896
Window shades and fixtures,	6	94,601	260,224	24,143	619.18	24	15	89	29	46	337,308
Wirework, including wire rope and cable,	11	194,339	159,051	90,055	714.72	121	5	126	100	153	336,193
Wood, turned and carved,	10	153,061	36,378	32,243	632.22	50	1	51	34	80	106,855
Wooden goods, not elsewhere specified,	10	231,740	259,828	77,462	717.24	106	2	108	92	137	407,483
Woolen and worsted goods,	6	5,943,579	5,379,847	996,479	693.44	835	602	1,437	1,260	1,692	8,272,276
Other industries,	398	155,707,130	116,004,780	29,737,886	854.49	27,127	7,675	34,392	28,967	43,573	179,869,724

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.

D. METROPOLITAN BOSTON.

[Arranged in order of Product Value.]

CITIES AND TOWNS.	Num-ber of Estab-lish-ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED				Value of Product	
						Average Number		Smallest Number	Greatest Number		
						Males	Females				
						Both Sexes					
METROPOLITAN BOSTON.						142,352	57,754	200,106	162,932	244,228	\$947,853,776
Boston,	4,469	\$616,023,935	\$564,318,619	\$156,950,905	\$784.34	61,280	27,483	88,763	71,512	107,779	418,096,880
LYNN,	2,653	247,239,564	248,230,558	68,602,939	772.88	18,461	7,312	25,773	20,820	32,825	113,590,818
CAMBRIDGE,	411	57,611,691	64,808,252	20,735,918	804.56	15,328	6,051	21,379	17,835	25,166	101,605,403
SOMERVILLE,	306	64,442,416	61,018,879	15,877,577	742.67	5,355	357	5,712	4,934	6,636	76,710,204
WATERTOWN,	113	30,026,884	63,117,562	4,657,484	815.39	5,080	3,474	8,554	7,239	10,470	35,021,584
EVERETT,	19	20,025,645	16,055,666	6,453,948	754.49	3,827	707	4,534	3,835	5,348	28,138,303
QUINCY,	84	35,458,559	14,449,550	3,917,225	863.97	7,440	497	7,937	5,823	11,268	27,866,513
CHELSEA,	152	41,603,829	15,724,212	9,195,373	1,158.55	4,528	1,650	6,178	4,878	7,709	26,176,185
WOBURN,	106	14,095,569	14,075,463	4,591,449	743.19	2,216	133	2,349	1,779	2,982	15,930,793
MALDEN,	48	13,678,386	9,823,613	2,072,537	882.31	2,370	1,926	4,296	3,492	5,278	15,713,334
WALTHAM,	70	14,159,143	7,158,820	3,031,357	705.68	4,989	2,719	7,708	6,952	8,503	15,470,402
NEWTON,	74	25,485,770	5,815,925	5,709,462	740.72	1,935	760	2,695	2,410	3,060	10,873,941
Weymouth,	42	8,743,561	6,359,532	1,966,557	729.71	1,311	485	1,796	1,195	2,301	10,682,043
Braintree,	32	7,640,394	7,100,292	1,302,531	725.24	1,462	683	2,145	1,761	2,431	8,988,413
Wakefield,	17	4,518,042	5,633,755	1,520,121	708.68	1,312	997	2,309	2,065	2,589	7,878,138
Winchester,	26	5,864,438	4,311,415	1,559,761	675.51	946	124	1,070	707	1,495	6,554,631
Canton,	17	3,768,157	4,487,390	872,967	815.86	867	161	1,028	809	1,263	6,065,106
Needham,	16	3,073,334	3,556,145	762,581	741.81	416	632	1,048	899	1,191	4,452,610
MELROSE,	24	4,476,247	2,373,399	686,418	654.98	566	624	1,190	1,035	1,334	4,832,090
	21	2,998,802	2,232,371	826,121	694.22						

Stoneham,	22	1,693,076	2,343,281	661,455	632.97	665	330	1,045	800	1,267	3,746,663
Mansford,	38	2,778,902	1,841,398	622,601	751.98	641	187	838	581	1,206	3,198,361
Dedham,	14	971,181	680,421	260,907	653.90	271	128	399	355	443	1,173,007
Wellesley,	6	871,369	599,556	179,572	709.77	137	116	253	235	281	974,727
Ravens,	18	506,456	651,073	113,568	901.33	118	8	126	96	177	926,500
Arlington,	18	1,228,814	355,114	189,771	863.60	311	9	290	175	280	770,179
Brookline,	18	256,528	338,953	133,966	853.76	130	26	156	127	190	664,783
Lexington,	4	561,731	368,323	69,694	863.38	67	14	81	75	91	586,263
Saugus,	9	345,077	187,080	70,614	678.96	85	19	104	58	142	381,317
Belmont,	4	106,817	188,650	71,140	790.44	77	13	90	75	107	292,289
Hingham,	8	147,894	84,319	83,596	643.05	78	53	130	111	153	223,657
Milton,	4	86,502	88,045	31,840	649.80	31	13	49	28	60	197,000
Other towns, ¹	15	393,217	229,653	119,355	741.23	153	9	161	114	198	527,011

¹ Includes Cohasset, Dover, Hull, Nahant, Swampscott, Weston, Westwood, and Winthrop.

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.
E. FOR 113 TOWNS: BY INDUSTRIES.

[For towns other than those given below, the figures cannot be presented without disclosing the operations of individual establishments.]

TOWNS AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number		Smallest Number	Greatest Number		
						Males	Females		Both Sexes		
Abington,	16	\$3,653,095	\$2,533,700	\$1,015,355	\$337.06	894	319	1,313	728	1,524	\$6,312,888
Acton,	10	2,092,436	1,071,191	222,129	750.44	291	8	296	241	361	1,705,549
Adams,	29	11,433,914	5,527,399	2,663,392	688.93	2,416	1,450	3,866	3,680	4,138	10,455,359
Agawam,	3	590,659	372,856	107,525	768.04	84	56	140	127	138	763,900
Amesbury,	50	5,038,128	6,035,655	2,466,371	894.30	2,480	395	2,806	2,072	3,506	10,471,460
Automobiles, including bodies and parts,	14	2,409,533	3,271,316	1,473,931	867.23	1,060	45	1,705	1,213	2,192	5,980,924
Bread and other bakery products,	3	4,750	23,843	6,904	863.00	8	-	8	5	8	36,400
Shipbuilding, wooden, including boat building,	4	38,246	36,113	12,074	804.93	15	-	15	10	21	57,122
Other industries,	29	2,635,449	2,705,333	759,372	704.33	797	381	1,073	844	1,385	4,447,014
Amherst,	13	1,208,196	964,306	229,423	615.08	196	177	373	175	332	1,489,633
Andover,	10	4,498,372	2,547,323	905,689	646.00	816	536	1,402	1,271	1,519	5,315,656
Arlington,	18	1,228,814	355,114	139,771	863.00	211	9	220	175	380	770,179
Ashburnham,	11	1,129,703	403,261	438,515	813.57	509	30	539	480	603	1,459,084
Ashland,	7	925,531	790,199	119,153	783.89	128	24	152	130	178	1,275,431
Attol,	24	14,209,300	4,321,510	2,373,819	754.55	2,438	653	3,146	2,323	3,433	11,371,667
Ayer,	10	496,983	375,176	211,671	828.84	235	21	266	204	302	872,034

	6	59,530	35,000	21,406	668.94	25	7	32	18	60	76,364
Barnstable,	.	.	.	.	.	.	.	.	.	.	8,133,203
Barre, .	7	2,432,643	1,882,475	682,767	769.76	607	214	331	765	873	366,687
Becket, .	7	219,077	221,060	76,677	672.61	97	17	114	81	135	292,269
Belmont,	4	106,817	183,660	71,140	790.44	77	13	90	76	107	7,339,477
Billerica,	7	8,894,661	5,251,228	1,779,413	789.80	2,092	161	2,263	1,823	2,431	8,988,413
Braintree,	17	4,518,042	5,633,765	1,530,121	708.68	1,462	683	2,145	1,761	2,431	12,865,171
Bridgewater,	16	4,155,873	9,580,281	1,853,099	777.60	1,905	478	2,353	2,220	3,140	1,953,690
Bridgford,	5	1,094,802	1,374,762	247,122	714.32	253	93	346	273	417	604,763
Brookline,	18	296,528	338,952	183,966	858.76	130	26	156	127	190	6,065,106
Canton, .	16	3,678,334	3,556,145	763,581	741.81	867	161	1,028	869	1,268	45,092
Carver, .	6	58,214	25,612	10,563	503.24	21	-	21	17	31	528,326
Chester, .	7	706,040	250,111	131,904	862.12	153	-	153	133	172	12,550,244
Clinton, .	28	13,704,204	6,942,690	2,614,168	644.36	2,502	1,556	4,057	3,426	4,501	2,482,578
Concord, .	11	1,827,775	1,662,305	273,696	762.38	391	66	369	279	476	2,095,648
Dalton, .	8	2,864,110	1,518,912	532,772	721.91	388	360	788	626	885	6,703,573
Danvers,	24	3,451,915	4,078,272	1,117,039	960.38	1,017	601	1,618	1,239	1,594	53,385
Dartmouth,	4	89,925	18,160	27,282	806.27	45	-	45	56	75	1,173,007
Dedham,	14	971,181	680,421	260,907	633.90	271	128	399	355	443	267,212
Deerfield,	6	221,083	139,908	70,031	666.96	50	55	106	81	132	6,861,196
Dudley, .	8	5,896,083	4,298,976	1,106,215	753.56	994	463	1,457	1,273	1,612	25,484,183
Easthampton,	20	13,783,210	19,239,241	2,767,144	683.53	2,547	1,501	4,048	3,303	4,447	1,091,501
Easton, .	7	2,597,712	840,001	323,461	691.16	398	70	468	355	582	2,215,444
Erving, .	6	2,393,183	1,029,452	602,776	762.66	563	106	668	644	783	314,300
Essex, .	5	130,714	209,070	66,009	756.92	88	-	88	80	97	

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.
 E. FOR 113 TOWNS: BY INDUSTRIES — Continued.

TOWNS AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
Falmouth,	5	\$28,288	\$15,962	\$8,229	\$548.60	14	1	15	10	18	\$31,515
Foxborough,	11	942,792	589,596	382,836	812.82	262	209	471	283	725	1,392,116
Framingham,	47	14,846,736	9,157,620	3,625,293	763.86	2,950	1,796	4,746	4,181	7,526	14,799,969
Franklin,	21	3,698,545	3,782,767	785,045	767.41	755	242	997	870	1,207	6,156,533
Gardner,	55	9,017,791	4,465,611	3,000,530	719.72	3,405	764	4,169	3,573	4,822	10,064,790
Bread and other bakery products,	5	26,265	103,509	20,200	1,010.00	20	-	20	20	21	156,358
Foundry and machine-shop products,	8	376,629	267,552	297,296	1,018.14	283	9	292	242	349	727,517
Furniture,	19	6,641,993	2,857,843	2,035,987	674.84	2,392	625	3,017	2,599	3,485	6,501,044
Other industries,	23	1,972,904	1,236,707	647,047	770.29	710	130	840	712	967	2,679,871
Georgetown,	4	144,293	130,323	48,210	562.19	68	28	96	50	122	225,279
Grafton,	11	3,355,304	2,881,519	967,800	697.26	821	567	1,388	1,160	1,525	4,976,249
Great Barrington,	15	4,621,005	3,718,219	715,834	758.20	609	335	944	871	1,008	4,758,918
Greenfield,	42	9,427,862	2,820,671	2,315,942	871.31	2,364	294	2,658	2,374	3,013	7,835,552
Hanover,	6	1,024,852	1,000,711	327,957	722.37	407	47	454	319	590	1,564,841
Hingham,	8	147,834	84,319	83,596	643.06	78	52	130	111	158	223,657
Hudson,	34	5,190,256	7,326,239	1,897,214	679.03	2,000	794	2,794	2,222	3,174	11,724,304
Huntington,	5	656,146	464,225	133,213	761.32	127	48	175	156	190	673,580
Kingston,	7	328,455	243,824	99,532	705.90	130	11	141	134	146	540,111

	13	3,559,458	1,732,508	704,914	765 38	696	225	921	794	1,085	3,785,321
Lee,	10	4,073,121	2,755,886	728,770	794 62	617	308	925	800	972	4,772,250
Leicester,	4	561,731	388,323	69,934	863 38	67	14	81	75	91	586,262
Manchester,	4	59,450	26,633	16,111	888 88	17	-	17	9	23	63,119
Mansfield,	20	3,283,477	2,414,789	777,981	740 28	921	180	1,051	965	1,201	4,104,144
Marblehead,	86	1,387,176	1,118,770	798,088	766 78	679	341	1,033	764	1,584	2,544,008
Boots and shoes,	9	585,851	901,704	491,706	736 09	360	318	668	587	747	1,488,666
Shipbuilding, wooden, including boat building,	4	67,067	34,489	28,171	880 34	32	-	32	12	53	86,189
Other industries,	13	694,257	216,637	272,211	817 45	297	36	333	155	584	769,200
Medway,	7	514,810	665,728	286,118	689 44	228	187	415	229	562	1,242,457
Merrimac,	5	471,620	652,800	326,700	892 63	351	15	266	314	434	1,300,533
Methuen,	24	7,416,588	6,299,826	1,617,983	689 76	1,087	1,492	2,529	2,284	2,849	10,874,421
Middleborough,	25	5,181,910	5,217,909	1,283,028	724 46	1,239	542	1,771	1,406	1,964	8,270,324
Millford,	42	3,082,317	3,769,077	1,168,175	722 88	1,121	486	1,616	1,225	1,966	6,188,101
Millbury,	24	3,796,186	3,194,403	819,491	654 63	884	363	1,197	1,082	1,320	5,057,137
Milton,	4	86,502	88,045	81,840	649 80	31	18	49	28	60	197,000
Monson,	8	2,030,298	1,896,897	539,806	810 52	451	215	666	553	858	3,157,689
Montague,	16	4,315,268	2,262,878	999,599	773 68	819	473	1,292	1,169	1,407	4,467,195
Natick,	35	2,839,149	4,185,640	918,835	689 30	970	363	1,333	1,058	1,635	6,006,048
Needham,	24	4,470,447	2,578,399	986,418	654 38	416	638	1,048	899	1,191	4,468,210
Hosiery and knit goods,	8	3,399,703	1,684,822	506,442	629 90	282	572	804	727	866	3,689,088
Other industries,	16	1,076,544	683,576	179,976	737 61	184	60	244	172	325	1,863,627
North Andover,	9	5,025,423	3,136,573	1,335,982	856 95	1,316	243	1,559	1,074	1,794	6,105,551
North Attleborough,	61	6,600,448	3,076,189	1,306,448	738 28	1,633	810	2,448	1,771	2,977	6,871,330
Jewelry,	34	3,993,272	1,905,313	1,161,109	765 90	1,047	469	1,516	1,006	1,580	4,259,534
Other industries,	27	2,607,071	1,170,867	644,076	694 80	586	241	927	765	1,097	2,415,496

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Continued.
 E. FOR 113 TOWNS: BY INDUSTRIES — Continued.

TOWNS AND INDUSTRIES.		Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
							Average Number			Smallest Number	Greatest Number	
							Both Sexes					
							Males	Females				
North Brookfield,	7	\$1,925,631	\$927,877	\$313,429	\$610.97	336	177	513	450	575	\$1,941,796	
North Reading,	5	80,294	35,316	20,699	766.63	27	-	27	20	51	65,257	
Northbridge,	11	11,350,271	4,639,414	3,533,711	835.99	3,533	645	4,227	3,971	4,543	11,206,085	
Norton,	5	1,224,896	351,978	397,590	641.26	408	212	620	497	738	973,517	
Norwood,	22	16,363,068	12,890,315	2,213,595	841.97	2,175	460	2,635	2,407	2,916	19,775,160	
Orange,	15	3,063,432	1,115,479	635,886	767.05	718	111	829	753	920	2,941,859	
Oxford,	12	2,603,018	1,985,346	601,189	720.85	529	305	834	763	918	3,786,087	
Palmer,	20	5,415,068	6,051,411	1,849,736	710.89	1,796	306	2,602	2,463	2,780	9,466,966	
Plainville,	7	1,153,188	364,893	323,176	737.84	285	153	433	330	502	973,715	
Plymouth,	24	25,170,524	20,337,069	2,196,342	706.18	2,513	600	3,113	2,537	3,371	27,371,336	
Randolph,	9	790,320	1,100,836	287,746	691.70	281	135	416	309	483	1,631,786	
Raynham,	10	266,332	219,942	52,060	684.88	61	21	82	75	191	342,183	
Reading,	15	2,049,336	3,611,875	331,323	710.10	370	107	537	416	648	6,470,370	
Rocheater,	4	50,224	25,946	9,506	594.13	16	-	16	20	29	40,801	
Rockland,	19	5,335,660	9,237,362	1,999,957	766.73	1,676	802	2,478	1,964	2,338	13,368,426	
Rockport,	11	729,575	603,491	266,460	837.60	337	5	342	274	423	1,377,673	
Rowley,	6	293,422	346,463	87,247	578.46	117	34	151	126	177	533,337	

	9	285,077	187,080	70,614	678.96	86	19	104	58	143	381,317
Saugus,	7	139,396	71,163	46,804	742.92	55	8	63	46	78	163,078
South Hadley,	10	2,318,947	1,471,098	381,887	810.80	322	149	471	269	681	2,396,908
Southbridge,	31	12,661,931	6,513,071	3,837,268	771.00	3,367	1,597	4,964	4,552	5,163	13,976,735
Spencer,	14	2,407,598	4,423,947	1,089,444	704.71	1,082	443	1,475	1,374	1,684	6,084,004
Stonham,	23	1,668,076	2,343,281	661,455	632.97	665	330	1,045	860	1,267	3,746,682
Stoughton,	24	3,251,998	3,587,492	1,262,632	719.04	1,286	520	1,756	1,358	2,067	6,202,761
Templeton,	15	1,990,916	1,517,717	584,795	697.01	778	63	859	711	987	2,218,884
Furniture,	6	713,980	204,601	204,744	666.92	302	5	307	267	348	646,139
Other industries,	9	1,215,935	1,013,116	380,061	714.38	474	58	532	444	609	1,968,745
Townsend,	7	725,325	446,250	155,029	745.33	207	1	208	183	284	704,142
Uxbridge,	12	3,505,533	3,528,614	770,893	691.38	723	393	1,115	1,027	1,189	5,918,196
Wakefield,	26	5,864,488	4,311,415	1,559,761	675.51	1,312	997	2,309	2,065	2,589	7,578,138
Walpole,	13	8,180,104	10,689,592	1,417,279	896.15	1,477	218	1,995	1,448	1,872	13,995,897
Ware,	16	3,815,923	3,892,534	1,404,372	604.03	1,205	1,120	2,325	2,143	2,441	6,164,200
Wareham,	13	1,919,456	896,419	514,169	744.09	656	35	691	625	750	2,062,367
Warren,	7	2,333,270	2,278,346	804,696	653.68	743	434	1,177	1,111	1,281	4,327,346
Watertown,	19	20,025,645	16,065,666	6,453,948	754.49	5,080	3,474	8,554	7,239	10,470	35,021,684
Wellesley,	6	871,369	599,556	179,572	709.77	137	116	233	235	281	974,727
West Springfield,	17	10,498,776	5,437,467	2,690,711	979.51	2,362	365	2,747	2,447	2,966	11,394,755
West Stockbridge,	8	220,357	92,151	92,921	661.42	142	96	142	96	177	333,608
Westborough,	13	686,865	892,180	301,859	656.22	165	295	460	299	634	1,532,547
Westfield,	75	10,218,210	4,839,801	2,433,765	694.87	2,891	632	5,573	3,075	4,856	10,301,601
Bread and other bakery products,	7	32,115	79,649	15,944	692.22	21	2	28	23	23	112,245
Tobacco manufactures,	10	200,066	189,696	98,198	696.44	78	63	141	104	168	346,423
Whips,	16	2,422,044	908,122	443,244	560.36	531	260	791	677	908	2,945,818
Other industries,	42	7,562,966	3,767,324	1,925,399	735.45	2,361	257	2,618	2,372	3,156	7,597,016

TABLE I. CAPITAL INVESTED, MATERIALS USED, WAGES PAID, WAGE-EARNERS, AND PRODUCT — 1917 — Concluded.
E. FOR 113 TOWNS: BY INDUSTRIES — Concluded.

TOWNS AND INDUSTRIES.	Num- ber of Estab- lish- ments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	WAGE-EARNERS EMPLOYED					Value of Product
						Average Number			Smallest Number	Greatest Number	
						Males	Females	Both Sexes			
Westminster,	5	\$69,110	\$90,873	\$18,649	\$666.04	28	-	28	27	35	\$134,788
Weymouth,	32	7,640,394	7,100,592	1,802,651	725.54	1,311	435	1,796	1,196	2,301	10,682,048
Boots and shoes,	6	3,955,968	3,406,203	902,728	746.67	829	380	1,309	806	1,465	5,374,134
Other industries,	26	3,684,406	3,692,089	399,808	681.10	482	105	587	387	816	4,897,900
Whitman,	20	4,651,637	5,104,780	1,344,801	725.67	1,303	525	1,828	1,324	2,249	8,109,635
Williamsburg,	10	494,011	569,669	179,764	642.01	232	43	280	280	387	910,380
Winchendon,	22	3,879,415	2,729,207	949,096	655.00	1,143	306	1,449	1,259	1,646	4,303,838
Winchester,	17	3,768,157	4,487,390	872,967	815.86	946	124	1,070	707	1,495	6,554,681
All other towns,	463	131,226,125	87,258,871	23,755,176	729.78	23,368	9,193	32,551	29,290	33,563	145,389,539
TOTAL FOR THE TOWNS,	5,240	\$655,710,087	\$433,775,825	\$187,145,869	\$737.85	183,390	43,969	173,319	147,906	301,649	\$715,845,149

TABLE II. CHARACTER OF OWNERSHIP FOR 19 SELECTED INDUSTRIES — 1917.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
All Industries,	9,845	708,421	\$537,144,829	\$3,920,587,545	\$1,222,117,191
Individual,	4,092	40,797	30,177,315	155,269,650	63,781,884
Corporation,	3,980	612,574	466,238,818	2,636,007,970	1,080,577,859
Other,	1,793	55,050	40,728,496	230,279,925	93,757,648
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	41.8	5.7	5.6	5.2	5.1
Corporation,	40.3	86.5	86.8	87.2	87.3
Other,	18.2	7.8	7.6	7.6	7.6
Automobiles, including bodies and parts,	80	4,327	\$3,835,934	\$14,564,384	\$6,722,192
Individual,	28	362	317,735	997,980	621,065
Corporation,	40	3,794	3,360,219	12,876,095	5,779,010
Other,	12	171	157,982	690,309	323,117
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	35.0	8.4	8.3	6.9	9.2
Corporation,	50.0	87.7	87.6	88.8	86.0
Other,	15.0	3.9	4.1	4.3	4.8
Boots and shoes, exclusive of cut stock and findings,	469	77,475	\$56,217,297	\$307,195,759	\$109,690,846
Individual,	135	6,852	4,742,713	22,281,503	8,760,357
Corporation,	222	60,827	44,152,985	248,067,906	86,389,083
Other,	103	9,796	7,321,599	36,846,350	14,532,206
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	29.3	8.8	8.4	7.3	8.0
Corporation,	48.3	78.5	78.6	80.7	78.8
Other,	22.4	12.7	13.0	12.0	13.2
Boot and shoe cut stock and findings,	429	9,532	\$6,243,687	\$96,682,796	\$17,917,439
Individual,	173	2,144	1,363,990	13,992,361	3,430,284
Corporation,	112	5,114	3,420,490	57,053,631	8,962,332
Other,	135	2,280	1,458,567	25,636,804	5,524,814
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	41.2	22.5	21.8	14.5	19.2
Corporation,	26.7	53.6	54.8	59.0	50.0
Other,	32.1	23.9	23.4	26.5	30.8
Bread and other bakery products,	1,107	7,204	\$5,795,905	\$47,627,323	\$17,851,415
Individual,	869	2,633	2,391,656	18,438,379	6,398,757
Corporation,	85	3,543	2,572,542	21,748,006	8,718,806
Other,	153	1,028	831,607	7,440,938	2,734,052
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	78.5	36.5	41.3	38.7	35.9
Corporation,	7.7	49.2	44.4	45.7	48.8
Other,	13.8	14.3	14.3	15.6	15.3
Clothing, men's, including shirts,	222	7,139	\$4,923,319	\$36,005,198	\$11,842,912
Individual,	98	1,527	1,115,647	4,451,938	1,969,727
Corporation,	50	4,004	2,680,852	17,886,724	7,613,661
Other,	74	1,608	1,152,720	4,377,531	2,259,524
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	44.2	21.4	22.6	16.7	16.6
Corporation,	22.5	56.1	54.0	66.9	64.3
Other,	33.3	22.5	23.4	16.4	19.1

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Clothing, women's,	236	5,523	\$3,417,505	\$16,899,714	\$4,751,339
Individual,	84	1,407	868,526	3,575,770	1,679,967
Corporation,	57	2,123	1,138,955	5,579,621	2,263,810
Other,	95	2,058	1,410,024	7,345,323	2,807,563
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	35.6	25.2	25.4	23.1	24.9
Corporation,	24.1	38.0	33.3	33.2	33.5
Other,	40.3	36.8	41.3	43.7	41.6
Confectionery,	128	3,424	\$4,222,892	\$32,914,521	\$11,794,396
Individual,	49	390	218,436	1,614,415	623,030
Corporation,	56	7,074	3,815,831	29,333,211	10,735,788
Other,	23	360	189,625	1,466,895	457,498
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	38.3	4.6	5.2	4.9	5.3
Corporation,	43.7	91.1	90.3	90.6	91.0
Other,	18.0	4.3	4.5	4.5	3.7
Cotton goods, including cotton small wares,	299	119,948	\$77,629,912	\$494,621,969	\$159,748,794
Individual,	11	408	254,452	1,936,594	522,282
Corporation,	186	117,917	76,390,310	397,972,700	157,578,943
Other,	12	1,624	976,150	4,712,675	1,647,569
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	5.3	0.3	0.3	0.5	0.3
Corporation,	89.0	98.3	98.4	98.3	98.7
Other,	5.7	1.4	1.3	1.2	1.0
Outlery and tools, not elsewhere specified,	162	19,957	\$9,111,238	\$35,297,127	\$24,755,961
Individual,	59	478	419,465	1,170,214	732,797
Corporation,	78	10,268	8,501,227	33,640,775	23,645,745
Other,	25	211	190,566	886,138	377,439
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	36.4	4.4	4.6	3.3	3.0
Corporation,	48.2	93.7	93.3	95.0	95.5
Other,	15.4	1.9	2.1	1.7	1.5
Electrical machinery, apparatus, and supplies,	90	23,822	\$39,683,257	\$87,995,439	\$49,991,375
Individual,	14	145	80,068	1,041,166	195,221
Corporation,	62	23,680	20,566,587	86,734,833	48,827,553
Other,	4	57	36,602	219,440	68,471
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	17.5	0.6	0.4	1.2	0.4
Corporation,	77.5	99.2	99.4	98.6	99.5
Other,	5.0	0.2	0.2	0.2	0.1
Foundry and machine-shop products,¹	357	72,698	\$96,512,196	\$267,378,971	\$125,353,668
Individual,	247	3,706	3,307,323	11,336,724	6,316,941
Corporation,	491	66,559	61,090,823	228,129,405	124,480,730
Other,	119	2,343	2,120,053	7,912,842	4,555,007
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	28.8	5.1	5.0	4.6	4.7
Corporation,	57.3	91.7	91.8	92.2	92.0
Other,	13.9	3.2	3.2	3.2	3.3

¹ Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot water heating apparatus; and structural ironwork.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Continued.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Furniture and refrigerators,	128	6,897	\$4,934,165	\$16,357,793	\$9,442,147
Individual,	41	484	364,327	1,332,817	732,914
Corporation,	56	5,514	3,998,937	13,404,975	7,583,089
Other,	31	809	570,971	2,119,911	1,126,144
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	32.0	7.1	7.4	7.9	7.8
Corporation,	43.8	81.0	81.0	79.5	80.3
Other,	24.2	11.9	11.6	12.6	11.9
Hosiery and knit goods,	69	12,557	\$7,625,775	\$37,654,307	\$16,961,340
Individual,	9	439	213,996	1,434,877	541,774
Corporation,	45	10,963	6,681,616	31,333,712	14,587,552
Other,	6	1,135	730,163	4,885,718	1,802,514
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	15.0	3.5	2.8	3.8	3.2
Corporation,	75.0	87.5	87.6	83.2	86.1
Other,	10.0	9.0	9.6	13.0	10.7
Jewelry,	146	5,765	\$4,253,669	\$12,536,627	\$9,732,911
Individual,	35	650	503,309	1,834,927	945,945
Corporation,	59	3,083	2,180,060	11,224,974	4,521,667
Other,	46	2,032	1,569,780	5,476,726	3,264,399
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	25.0	11.3	11.8	9.9	10.8
Corporation,	42.1	53.5	51.3	60.6	51.8
Other,	32.9	35.2	36.9	29.5	37.4
Leather, tanned, curried, and finished,	126	11,791	\$9,639,746	\$75,976,996	\$31,912,430
Individual,	39	1,520	1,141,497	7,947,655	2,280,826
Corporation,	67	9,202	7,688,703	64,920,480	18,327,303
Other,	30	979	800,546	3,208,863	1,305,301
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	28.7	13.0	11.9	10.3	10.4
Corporation,	49.3	78.6	79.8	85.6	83.6
Other,	22.0	8.4	8.3	4.2	6.0
Musical instruments, pianos and organs, and materials,	42	3,379	\$2,726,112	\$3,259,354	\$4,386,673
Individual,	11	93	80,187	308,569	126,086
Corporation,	31	3,277	2,645,926	7,941,785	4,260,592
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	26.2	2.8	2.9	3.7	2.9
Corporation,	73.8	97.2	97.1	96.3	97.1
Paper and wood pulp,	27	14,165	\$11,556,445	\$77,719,723	\$29,697,960
Corporation, ¹	75	12,862	10,261,531	69,416,856	26,906,202
Other,	12	1,603	1,294,914	8,302,927	2,691,658
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Corporation,	86.2	89.7	88.8	89.3	90.9
Other,	13.8	11.3	11.2	10.7	9.1

¹ Two firms included in order to avoid disclosing the operations of individual establishments.

TABLE II. CHARACTER OF OWNERSHIP, ETC. — Concluded.

INDUSTRIES AND CHARACTER OF OWNERSHIP.	Number of Establishments	Average Number of Wage-earners	Wages Paid	Value of Product	Value Added by Manufacture
Slaughtering and meatpacking, including sausage, .	80	4,055	\$8,480,830	\$87,339,620	\$11,300,963
Individual,	46	217	182,860	3,510,809	582,097
Corporation,	22	3,746	3,205,641	81,718,532	10,452,641
Other,	12	92	92,319	2,110,279	266,245
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	57.5	5.3	5.3	4.0	5.1
Corporation,	27.5	92.4	92.1	93.6	92.5
Other,	15.0	2.3	2.6	2.4	2.4
Woolen, worsted, and felt goods,	122	59,234	\$44,550,168	\$312,545,960	\$117,104,600
Individual,	22	1,728	1,270,567	7,159,661	3,122,106
Corporation,	143	54,170	40,443,647	287,484,217	106,677,015
Other,	23	3,936	2,835,954	18,862,102	7,305,548
<i>Per cent. of total,</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Individual,	11.7	2.9	2.8	2.3	2.7
Corporation,	78.1	90.5	90.8	91.7	91.1
Other,	12.2	6.6	6.4	6.0	6.2

TABLE III. WAGE-EARNERS.
AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1917.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
THE STATE.	706,431	715,364	722,615	726,457	719,444	699,965	696,500	687,090	688,328	694,600	706,288	722,605	728,171
Males,	495,831	504,088	507,147	509,224	497,477	489,731	487,632	482,759	482,860	486,021	492,120	501,702	506,110
Females,	212,590	211,276	214,868	217,263	212,967	210,264	208,818	204,331	202,968	208,630	216,168	220,393	223,061
Artificial Limbs.	21	24	23	24	24	22	21	19	20	19	21	21	20
Males,	19	22	21	22	22	20	19	17	18	17	19	19	19
Females,	2	2	2	2	2	2	2	2	2	2	2	2	1
Artificial Stone Products.	282	302	290	285	308	333	336	288	310	267	257	258	188
Males,	282	302	290	285	308	333	336	288	310	267	257	258	182
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Automobiles, including Bodies and Parts.	4,387	4,400	4,585	4,768	4,649	4,614	4,602	5,997	5,984	4,460	4,005	4,079	4,005
Males,	4,245	4,419	4,449	4,676	4,568	4,439	4,419	3,924	3,853	4,367	3,918	3,989	3,914
Females,	83	71	76	82	81	75	83	73	81	93	87	90	91
Awning, Tents, and Sails.	371	245	227	234	434	474	489	461	408	363	364	356	316
Males,	226	156	161	213	253	280	298	280	245	219	220	198	179
Females,	145	89	96	121	169	194	196	181	161	144	144	143	137

TABLE III. WAGE-EARNERS — Continued.
AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1917 — Continued.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Baskets, and Batten and Willow Ware.													
Males,	154	156	155	159	151	148	147	153	153	153	155	160	158
Females,	139	141	140	144	135	133	132	137	136	139	140	144	140
	15	15	15	15	16	15	15	15	16	14	15	16	16
Belting, Leather.													
Males,	2,168	2,123	2,115	2,083	1,954	1,965	1,992	2,008	2,041	2,113	2,321	2,598	2,764
Females,	2,031	2,025	2,006	1,912	1,840	1,949	1,867	1,878	1,907	1,970	2,162	2,416	2,527
	137	103	109	111	114	116	125	123	134	143	159	180	227
Billiard Tables and Materials.													
Males,	25	29	29	30	27	29	23	21	19	24	27	27	29
Females,	25	29	29	30	27	29	23	21	19	24	27	27	26
	-	-	-	-	-	-	-	-	-	-	-	-	-
Blacking, Stains, and Dressings.													
Males,	641	621	635	668	669	685	658	671	631	601	608	645	633
Females,	303	301	307	318	312	319	313	307	294	281	281	294	295
	338	320	326	350	357	346	345	364	337	320	321	349	353
Bookbinding and Blank-Book Making.													
Males,	3,101	3,052	3,116	3,063	3,063	3,083	3,119	3,260	3,183	3,065	3,064	3,068	3,040
Females,	1,634	1,639	1,674	1,631	1,635	1,622	1,643	1,686	1,648	1,590	1,602	1,611	1,593
	1,467	1,413	1,442	1,431	1,433	1,406	1,471	1,564	1,535	1,475	1,462	1,445	1,447
Boot and Shoe Out Stock and Findings.													
Males,	9,538	10,737	10,504	10,498	10,084	9,929	9,080	8,559	8,767	8,644	8,778	9,309	9,789
Females,	6,801	7,659	7,517	7,516	7,151	6,797	6,332	6,098	6,261	6,193	6,291	6,026	6,965
	2,737	3,068	2,987	2,982	2,933	2,932	2,683	2,461	2,506	2,451	2,481	2,633	2,764

Boots and Shoes.		77,475	86,069	87,958	87,065	81,508	76,598	78,948	69,317	69,691	69,098	78,478	77,138	79,747
Males,		49,499	54,565	55,541	54,981	51,798	48,178	46,704	44,546	44,980	44,603	47,385	49,514	50,888
Females,		27,976	31,501	32,415	32,084	29,510	27,414	26,178	24,771	24,711	24,435	26,087	27,624	28,859
Boots and Shoes, Rubber.		19,375	11,215	11,839	11,244	19,098	19,081	19,400	19,516	19,194	19,393	19,115	19,128	19,264
Males,		7,155	6,037	6,682	6,841	6,983	7,040	7,246	7,202	6,903	7,334	7,151	7,065	8,061
Females,		5,120	4,598	4,707	5,003	5,085	5,041	5,154	5,314	5,201	5,059	4,964	5,438	5,893
Boxes, Cigar.		176	174	175	178	173	179	176	187	180	172	176	170	168
Males,		84	82	80	83	84	88	88	90	89	81	88	83	81
Females,		92	92	95	95	89	96	93	97	91	91	93	88	87
Boxes, Fancy and Paper.		4,768	4,896	4,908	4,908	4,871	4,857	4,738	4,618	4,545	4,543	4,695	4,700	4,717
Males,		1,991	1,783	1,783	1,773	1,735	1,731	1,686	1,689	1,616	1,698	1,630	1,651	1,676
Females,		3,065	3,103	3,123	3,135	3,136	3,106	3,072	2,979	2,929	2,850	3,065	3,109	3,041
Boxes, Wooden Packing.		3,539	3,638	3,719	3,786	3,695	3,603	3,532	3,513	3,478	3,436	3,403	3,533	3,605
Males,		3,341	3,371	3,454	3,526	3,437	3,348	3,285	3,277	3,236	3,250	3,268	3,398	3,371
Females,		248	267	265	260	258	255	251	241	246	236	235	235	234
Brass, Bronze, and Copper Products.		2,551	2,677	2,669	2,699	2,440	2,514	2,593	2,483	2,483	2,512	2,430	2,540	2,678
Males,		2,517	2,631	2,623	2,655	2,396	2,469	2,547	2,437	2,388	2,472	2,438	2,496	2,623
Females,		44	46	46	44	44	45	46	46	40	40	42	44	46
Bread and Other Bakery Products.		7,804	7,047	7,067	7,247	7,167	7,187	7,089	7,151	7,333	7,141	7,245	7,147	7,418
Males,		6,112	6,049	6,050	6,156	6,118	6,055	6,052	6,064	6,094	6,072	6,079	6,017	6,172
Females,		1,092	998	1,017	1,091	1,049	1,072	1,017	1,097	1,144	1,069	1,166	1,130	1,240

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.		January	February	March	April	May	June	July	August	September	October	November	December
		Average Number Employed											
Brick and Tile.		1,089											
Males,		703	787	808	1,085	1,415	1,359	1,397	1,838	1,154	967	789	664
Females,		637	675	737	973	1,363	1,340	1,323	1,211	1,079	913	732	635
		66	52	69	62	61	59	74	75	55	54	57	39
Brooms.		115	108	108	137	183	175	118	105	108	114	125	125
Males,		106	95	95	116	112	106	102	97	100	104	105	108
Females,		7	7	7	11	11	9	10	8	8	10	18	17
Brushes.		1,753	1,700	1,759	1,738	1,737	1,711	1,751	1,707	1,709	1,745	1,804	1,788
Males,		874	879	907	895	872	861	863	844	872	861	872	894
Females,		859	821	832	837	865	850	868	863	837	884	932	899
Butter.		36	38	38	38	36	35	35	36	36	36	36	35
Males,		36	38	38	38	36	35	35	35	35	35	35	34
Females,		-	-	-	-	-	-	-	1	1	1	1	1
Buttons.		901	889	880	898	885	878	823	895	910	898	867	1,001
Males,		498	492	427	515	528	512	531	528	531	512	539	590
Females,		355	397	403	377	353	366	392	367	379	384	418	421
Canning and Preserving.		1,671	1,685	1,667	1,498	1,471	1,578	1,786	1,748	1,817	1,818	1,848	1,748
Males,		1,137	1,308	1,321	1,161	1,118	1,165	1,294	1,322	1,484	1,441	1,452	1,379
Females,		304	317	346	332	353	393	432	426	333	377	390	367

Carpets and Rugs, Other than Bag.		3,834	4,344	4,475	4,479	4,447	4,311	5,017	3,384	3,545	5,337	3,451	3,468	3,608
Males,		2,284	2,637	2,635	2,619	2,589	2,600	2,510	1,946	2,006	1,960	2,089	2,032	2,201
Females,		1,600	1,717	1,840	1,860	1,858	1,811	1,707	1,278	1,540	1,407	1,362	1,408	1,401
Carpets, Bag.		64	60	57	61	63	72	77	73	67	63	60	55	56
Males,		48	47	44	46	48	52	56	52	48	45	46	43	43
Females,		16	13	13	15	15	20	21	21	19	17	14	12	13
Carriages and Sleds, Children's.		1,338	1,440	1,459	1,457	1,390	1,309	1,244	1,243	1,244	1,276	1,215	1,243	1,329
Males,		1,184	1,276	1,282	1,295	1,237	1,188	1,103	1,106	1,096	1,123	1,160	1,190	1,177
Females,		154	164	157	162	153	151	141	142	149	153	153	153	152
Carriages and Wagons, and Materials.		871	835	879	843	907	943	903	865	851	814	813	803	783
Males,		871	835	879	843	907	943	908	866	851	814	813	803	783
Females,		-	-	-	-	-	-	-	-	-	-	-	-	-
Cars and General Shop Construction and Repairs by Steam Railroad Companies.		6,649	6,765	6,796	6,797	6,633	6,386	6,554	6,639	6,491	6,337	6,595	6,794	6,849
Males,		6,611	6,744	6,774	6,779	6,603	6,367	6,535	6,607	6,400	6,242	6,545	6,741	6,798
Females,		31	21	22	18	-	19	19	22	31	45	50	53	56
Chemicals.		2,598	2,554	2,433	2,543	2,588	2,603	2,639	2,619	2,600	2,598	2,599	2,676	2,712
Males,		2,418	2,369	2,328	2,383	2,364	2,432	2,454	2,437	2,433	2,406	2,403	2,476	2,511
Females,		180	165	155	160	164	171	175	183	187	192	196	200	201
Cleansing and Polishing Preparations.		58	60	61	61	60	60	59	59	53	56	55	56	53
Males,		48	48	49	49	49	49	49	49	43	46	46	46	43
Females,		10	12	12	12	11	11	10	10	10	10	9	10	9

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Cloth, Sponging and Refinishing.													
Males,	50	54	52	51	52	51	50	49	48	50	50	50	50
Females,	50	54	52	51	52	51	50	-49	48	50	50	50	50
	-	-	-	-	-	-	-	-	-	-	-	-	-
Clothing, Men's.													
Males,	5,448	5,311	5,505	5,506	5,647	5,669	5,477	5,302	5,370	5,398	5,411	5,383	5,361
Females,	2,655	2,536	2,711	2,740	2,745	2,768	2,686	2,572	2,612	2,611	2,623	2,598	2,573
	2,793	2,675	2,794	2,866	2,902	2,901	2,791	2,630	2,758	2,787	2,788	2,790	2,788
Clothing, Men's, Buttonholes.													
Males,	9	9	9	9	9	9	8	8	8	9	9	9	8
Females,	5	5	5	5	5	5	4	4	4	5	5	5	4
	4	4	4	4	4	4	4	4	4	4	4	4	4
Clothing, Women's.													
Males,	5,583	5,635	6,000	6,263	6,224	5,854	5,452	4,919	4,994	5,683	5,722	5,370	4,830
Females,	1,276	1,307	1,386	1,469	1,465	1,307	1,205	1,080	1,237	1,353	1,353	1,113	998
	4,307	4,338	4,614	4,799	4,759	4,547	4,247	3,839	3,757	4,300	4,389	4,157	3,837
Coffee and Spice, Roasting and Grinding.													
Males,	497	479	502	518	521	514	511	493	483	498	486	468	488
Females,	300	300	302	307	307	305	306	302	297	299	289	289	291
	197	179	200	211	214	209	205	191	186	199	197	179	197
Coffins, Burial Cases, and Undertakers' Goods.													
Males,	354	354	344	351	353	353	353	358	356	357	354	356	356
Females,	291	293	303	300	291	297	290	295	289	285	279	281	281
	43	41	41	42	42	41	43	43	37	42	45	45	45

Combs and Hairpins.		\$,069	\$,078	\$,085	\$,068	\$,003	1,981	1,878	1,968	\$,060	\$,548	\$,990	\$,247
Males,		1,411	1,414	1,441	1,430	1,379	1,328	1,272	1,281	1,442	1,509	1,549	1,532
Females,		658	664	644	636	624	623	600	677	648	733	750	715
Confectionery.		8,444	8,153	8,186	8,331	8,187	8,013	7,935	7,760	9,240	9,638	8,916	8,866
Males,		2,149	2,117	2,164	2,171	2,042	2,013	2,059	1,992	2,365	2,452	2,182	2,064
Females,		6,275	6,036	6,032	6,160	6,085	6,000	5,876	5,768	6,875	7,070	6,764	6,221
Confectionery (Ice Cream).		566	583	401	419	501	586	724	820	687	621	448	419
Males,		524	368	368	387	467	548	676	706	640	482	410	378
Females,		42	35	33	32	34	38	48	54	47	39	38	41
Coopersage.		737	770	788	772	771	760	716	737	745	698	633	638
Males,		720	758	770	760	759	738	702	714	724	687	657	655
Females,		17	12	12	12	12	12	14	13	21	18	26	27
Copper, Tin, and Sheet-Iron Products.		\$,833	\$,885	\$,864	\$,831	\$,746	\$,770	\$,878	\$,876	\$,891	\$,774	\$,793	\$,763
Males,		2,643	2,725	2,697	2,657	2,589	2,592	2,684	2,678	2,671	2,565	2,576	2,564
Females,		190	160	167	164	157	178	188	198	220	209	217	199
Gordage and Twine, and Jute Goods.		6,058	6,263	6,471	6,447	6,399	6,163	6,101	6,088	5,663	5,668	5,705	5,968
Males,		3,580	3,762	3,919	3,974	3,714	3,580	3,520	3,504	3,322	3,315	3,447	3,597
Females,		2,478	2,501	2,552	2,573	2,685	2,583	2,581	2,584	2,341	2,343	2,248	2,365
Corsets.		1,774	1,815	1,875	\$,110	1,856	1,818	1,924	1,939	1,749	1,804	1,598	1,788
Males,		252	249	261	287	255	248	262	247	264	220	234	264
Females,		1,522	1,566	1,614	1,823	1,601	1,564	1,662	1,452	1,485	1,374	1,358	1,524

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Cotton Goods.													
Males,	118,452	116,808	119,107	119,871	118,484	118,609	118,509	117,838	115,416	117,796	119,458	120,299	120,007
Females,	63,866	62,879	64,675	65,273	64,191	63,884	63,542	63,070	62,401	63,243	63,630	64,501	64,990
	54,586	52,929	54,432	54,598	54,293	54,725	54,967	54,166	53,015	54,553	55,828	55,798	55,617
Cotton Small Wares.													
Males,	1,494	1,452	1,445	1,429	1,457	1,518	1,497	1,505	1,510	1,474	1,514	1,523	1,544
Females,	577	565	572	567	578	584	576	587	578	562	581	571	580
	917	887	873	862	879	934	921	918	932	912	933	932	964
Cutlery and Tools, not elsewhere Specified.													
Males,	10,957	10,428	10,744	10,920	10,753	10,809	10,903	10,844	10,978	11,064	11,228	11,313	11,387
Females,	9,642	9,337	9,563	9,742	9,581	9,590	9,583	9,552	9,567	9,685	9,785	9,837	9,856
	1,315	1,155	1,181	1,208	1,172	1,219	1,320	1,292	1,411	1,369	1,443	1,476	1,531
Dental Goods.													
Males,	46	45	46	45	47	47	46	46	46	46	46	46	44
Females,	37	36	37	36	38	37	36	36	36	37	37	37	35
	9	9	9	9	9	10	10	10	10	9	9	9	9
Dyeing and Finishing Textiles.													
Males,	15,323	15,308	15,643	15,712	15,362	15,356	15,404	14,965	14,648	14,542	14,756	15,343	15,566
Females,	12,183	12,373	12,625	12,699	12,332	12,315	12,355	11,984	11,721	11,595	11,682	12,140	12,385
	3,085	2,935	3,018	3,013	3,030	3,041	3,049	2,981	2,927	2,947	3,074	3,203	3,181
Dyestuffs and Extracts.													
Males,	201	195	208	218	216	207	211	202	180	205	197	196	198
Females,	198	190	203	214	212	204	208	199	177	201	195	192	194
	3	5	5	4	4	3	3	3	3	4	2	4	4

Electrical Machinery, Apparatus, and Supplies.		\$3,888	\$3,703	\$3,878	\$3,885	\$3,934	\$3,749	\$4,084	\$3,970	\$4,453	\$4,339	\$3,769	\$3,694	\$3,580
Males,	.	18,318	18,037	18,610	18,369	18,169	18,103	18,413	18,454	18,391	18,304	18,012	18,236	18,179
Females,	.	5,564	5,066	5,263	5,456	5,465	5,646	5,681	5,516	6,062	6,125	5,757	5,353	5,341
Electroplating.		370	393	373	383	385	385	379	361	369	360	377	347	343
Males,	.	243	276	263	261	263	263	257	239	246	230	252	222	225
Females,	.	23	22	20	21	22	22	22	22	23	30	25	25	18
Enameling and Japanning.		167	168	172	170	180	169	171	163	146	166	167	163	163
Males,	.	104	113	117	113	112	102	105	101	90	95	96	95	94
Females,	.	63	55	55	57	68	60	66	62	56	61	71	67	69
Engraving and Dieinking.		161	176	168	163	170	168	163	163	163	166	167	167	166
Males,	.	153	165	153	160	162	160	154	145	143	147	143	143	147
Females,	.	8	11	10	3	8	8	8	8	9	9	9	9	9
Engraving, Steel and Copper Plate, including Plate Printing.		397	408	333	333	333	403	339	373	390	393	416	414	413
Males,	.	243	253	251	247	246	250	249	239	224	227	234	233	234
Females,	.	154	144	131	136	147	153	140	139	156	166	182	176	184
Envelopes.		2,048	2,177	2,153	2,158	2,067	2,080	2,044	2,015	1,893	1,964	2,083	2,063	2,063
Males,	.	680	723	709	715	699	675	672	637	638	665	665	678	660
Females,	.	1,368	1,449	1,414	1,413	1,368	1,345	1,372	1,353	1,235	1,299	1,353	1,390	1,402
Fancy Articles, not elsewhere Specified.		1,544	1,603	1,333	1,376	1,393	1,469	1,438	1,615	1,597	1,568	1,703	1,768	1,716
Males,	.	631	700	645	646	655	668	639	671	665	639	723	743	724
Females,	.	865	803	693	730	738	801	837	944	932	877	980	1,014	992

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	February	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Felt Goods.													
Males,	1,106	1,139	1,134	1,151	1,130	1,125	1,127	1,091	1,041	1,091	1,041	1,118	1,147
Females,	939	986	989	1,012	982	968	966	929	873	842	857	918	943
	167	153	145	139	148	157	161	162	198	179	184	200	204
Flavoring Extracts.													
Males,	104	91	86	83	98	107	120	119	110	106	104	101	95
Females,	37	33	32	33	36	38	39	40	42	39	38	37	34
	67	58	54	55	62	69	81	79	68	67	66	64	61
Flour-Mill and Gristmill Products.													
Males,	125	127	127	128	126	126	124	124	123	121	121	121	122
Females,	125	127	127	128	126	126	124	124	123	121	121	121	122
	-	-	-	-	-	-	-	-	-	-	-	-	-
Food Preparations.													
Males,	660	706	715	708	704	703	650	593	569	562	555	625	664
Females,	494	530	537	528	517	515	475	457	450	452	460	488	515
	156	175	178	180	187	188	175	136	119	110	125	137	149
Foundry and Machine-Shop Products.													
Males,	64,637	65,043	64,553	64,886	63,257	63,229	64,138	64,390	65,140	65,339	64,809	65,321	66,760
Females,	62,594	63,266	62,667	62,474	61,376	61,105	61,977	62,391	63,110	63,130	62,606	63,292	63,596
	2,033	1,777	1,886	1,812	1,881	2,124	2,161	1,999	2,030	2,209	2,203	2,119	2,154
Fur Goods.													
Males,	196	188	153	131	152	167	184	191	195	230	251	254	235
Females,	94	96	84	71	80	82	83	89	89	106	113	111	107
	102	92	69	60	72	85	101	102	106	124	138	143	126

Furnishing Goods, Men's.														
Males,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Furniture.														
Males,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Galvanizing.														
Males,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Gas and Electric Fixtures.														
Males,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Gas, Illuminating and Heating.														
Males,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Glass, Cutting, Staining, and Ornamenting.														
Males,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Glue.														
Males,	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Females,	.	.	.	.	.	.	.	.	.	.	.	.	.	.

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1917 — Continued.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Gold and Silver, Leaf and Foli.													
Males,	161	163	168	167	169	168	168	168	141	183	134	146	146
Females,	69	73	73	73	74	75	68	72	63	57	64	69	69
	82	90	93	94	95	93	84	74	78	66	70	76	76
Gold and Silver, Reducing and Refining, not from the Ore.													
Males,	16	16	15	14	15	16	16	17	15	13	14	15	17
Females,	16	16	15	14	15	16	16	17	15	13	14	15	17
	-	-	-	-	-	-	-	-	-	-	-	-	-
Grease and Tallow.													
Males,	687	617	624	643	686	615	617	683	647	613	624	626	629
Females,	623	613	620	639	622	611	613	619	643	609	620	623	625
	4	4	4	4	4	4	4	4	4	4	4	4	4
Hand Stamps and Stencils and Brands.													
Males,	124	126	125	124	121	123	123	123	123	122	126	126	123
Females,	106	110	107	108	106	108	107	106	107	103	103	105	103
	13	16	16	16	15	15	16	16	16	19	23	21	21
Hardware.													
Males,	1,348	1,413	1,336	1,489	1,351	1,369	1,381	1,370	1,310	1,391	1,394	1,399	1,387
Females,	1,170	1,225	1,148	1,247	1,180	1,202	1,213	1,199	1,153	1,155	1,121	1,098	1,092
	172	188	188	182	171	167	168	171	188	166	173	171	165

Hats and Caps, Other than Felt, Straw, and Wool.		309	308	301	312	317	316	319	317	308	306
Males,		205	181	193	210	209	208	212	210	210	206
Females,		104	87	98	108	108	108	107	107	98	99
Hats, Fur-Felt.		760	869	857	752	647	612	681	791	808	811
Males,		478	546	541	464	385	409	484	499	502	504
Females,		282	323	316	288	262	203	227	292	306	307
Hats, Straw.		1,843	3,013	5,037	1,818	1,386	1,154	1,307	1,375	1,357	2,391
Males,		678	1,023	1,073	477	438	497	541	538	554	772
Females,		1,165	1,990	2,014	741	738	637	766	747	833	1,519
Hosiery and Knit Goods.		12,557	12,197	12,400	12,636	12,703	12,350	12,491	12,533	12,379	12,897
Males,		3,496	3,457	3,476	3,032	3,561	3,436	3,455	3,519	3,560	3,575
Females,		9,061	8,740	8,924	9,154	9,142	8,914	9,036	9,314	9,410	9,322
House-Furnishing Goods, not elsewhere Specified.		397	381	376	392	376	394	401	412	441	407
Males,		210	216	214	208	200	185	200	213	233	219
Females,		187	165	162	184	176	209	201	199	208	188
Ice, Manufactured.		38	26	26	49	13	62	54	50	41	37
Males,		38	26	26	42	13	62	54	50	41	37
Females,		-	-	-	-	-	-	-	-	-	-

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1917 — Continued.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Instruments, Professional and Scientific.	980	710	709	708	714	783	838	835	834	1,049	1,149	1,330	1,308
Males,	824	636	624	608	631	706	744	750	790	948	1,042	1,119	1,261
Females,	96	74	85	94	83	87	88	85	94	101	107	111	135
Iron and Steel, Bolts, Nuts, Washers, and Rivets, not made in Steel Works or Rolling Mills.	1,368	1,403	1,407	1,404	1,391	1,350	1,369	1,418	1,331	1,364	1,394	1,373	1,333
Males,	977	1,007	1,004	1,009	1,080	964	955	966	950	969	964	961	961
Females,	412	396	403	395	361	416	414	446	431	395	430	427	427
Iron and Steel Forgings.	1,587	1,593	1,417	1,460	1,545	1,569	1,563	1,563	1,596	1,506	1,569	1,533	1,615
Males,	1,492	1,363	1,387	1,429	1,518	1,531	1,526	1,526	1,489	1,409	1,534	1,547	1,574
Females,	35	30	30	31	32	38	37	37	37	37	35	36	41
Iron and Steel, Nails and Spikes, Cut and Wrought, including Wire Nails, not made in Steel Works or Rolling Mills.	1,780	1,641	1,660	1,659	1,692	1,806	1,778	1,816	1,765	1,749	1,760	1,672	1,678
Males,	1,348	1,277	1,291	1,298	1,309	1,433	1,430	1,444	1,402	1,374	1,350	1,266	1,274
Females,	372	364	359	354	353	352	346	372	363	375	400	406	404

Jewelry.		5,765	5,944	5,777	5,544	5,889	5,832	5,610	5,477	5,561	5,876	6,083	5,778	5,485
Males,		3,713	3,914	3,830	3,794	3,730	3,754	3,670	3,577	3,600	3,774	3,860	3,905	3,438
Females,		2,052	2,030	1,947	2,050	2,099	2,078	1,940	1,900	1,961	2,101	2,222	2,173	2,047
Jewelry and Instrument Cases.		604	608	635	614	538	571	583	534	594	613	633	664	613
Males,		162	163	162	149	156	162	151	153	167	159	170	173	164
Females,		442	440	461	466	426	409	432	381	427	454	468	481	449
Labels and Tags.		43	34	38	43	43	43	43	43	43	43	43	43	43
Males,		24	21	23	24	24	25	25	23	23	23	25	24	26
Females,		18	13	15	18	18	18	18	19	20	19	18	18	16
Lamps and Reflectors.		345	305	308	322	327	346	341	371	370	351	366	378	359
Males,		315	290	289	300	305	326	313	332	335	313	323	338	326
Females,		30	15	19	22	22	20	28	39	35	38	43	40	33
Lasts.		1,014	1,083	997	971	949	925	906	1,047	1,170	1,077	944	1,041	1,047
Males,		985	1,012	972	950	928	899	954	1,010	1,132	1,044	898	993	1,013
Females,		29	21	25	21	23	26	32	37	38	33	46	48	34
Leather Goods, not elsewhere Specified.		516	460	454	457	466	523	534	516	481	501	553	597	563
Males,		292	275	263	265	276	279	287	304	289	287	314	329	322
Females,		224	185	191	202	219	249	247	212	192	214	239	268	241
Leather, Tanned, Curried, and Finished.		11,701	13,835	13,437	12,969	12,046	11,349	10,747	10,324	10,580	10,453	11,071	11,359	11,780
Males,		11,232	13,345	12,994	12,475	11,583	10,876	10,291	9,911	10,102	10,131	10,620	11,122	11,159
Females,		479	540	493	494	484	473	456	413	428	427	451	517	571

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.		January	February	March	April	May	June	July	August	September	October	November	December
		Average Number Em- ployed											
Lime.													
Males,		472	456	472	493	490	504	510	507	474	466	455	404
Females,		-	-	-	-	-	-	-	-	-	-	-	404
Linon Goods.													
Males,		1,530	1,416	1,447	1,478	1,476	1,531	1,560	1,605	1,591	1,571	1,613	1,540
Females,		718	671	681	707	710	744	711	756	759	725	736	710
Females,		812	779	744	771	766	837	839	849	832	846	877	830
Liquors, Distilled.													
Males,		107	127	127	120	109	108	107	106	114	85	87	84
Females,		-	-	-	-	-	-	-	-	-	-	-	84
Liquors, Malt.													
Males,		2,155	2,149	2,163	2,182	2,192	2,213	2,240	2,230	2,179	2,089	2,035	2,001
Females,		2,144	2,138	2,148	2,169	2,177	2,203	2,228	2,221	2,170	2,080	2,017	1,993
Females,		11	11	15	13	15	10	12	9	9	9	8	8
Lithographing.													
Males,		1,240	1,233	1,243	1,273	1,244	1,240	1,265	1,242	1,224	1,225	1,205	1,186
Females,		896	921	906	897	906	903	926	916	869	876	860	852
Females,		344	361	337	376	338	337	339	326	355	349	345	334
Looking-Glass and Picture Frames.													
Males,		111	110	112	113	109	109	104	103	109	116	117	116
Females,		110	109	111	112	108	108	103	102	108	114	115	114
Females,		1	1	1	1	1	1	1	1	1	2	2	3

Lumber and Timber Products.		686	790	809	796	774	674	638	569	547	601	638	678	701
Males,		681	785	804	790	769	669	637	564	543	596	633	666	696
Females,		5	5	5	5	5	5	5	5	4	5	6	6	5
Lumber, Planing-Mill Products.		2,572	2,616	2,700	2,664	2,651	2,595	2,584	2,581	2,610	2,541	2,476	2,451	2,309
Males,		2,570	2,613	2,696	2,663	2,649	2,593	2,523	2,579	2,608	2,539	2,473	2,459	2,307
Females,		2	2	2	2	2	2	2	2	2	2	2	2	2
Marble and Stone Work.		1,337	1,330	1,455	1,737	1,371	1,990	1,916	2,049	2,038	2,083	1,936	1,864	1,486
Males,		1,327	1,330	1,453	1,727	1,371	1,990	1,915	2,049	2,038	2,083	1,936	1,824	1,426
Females,		-	-	-	-	-	-	-	-	-	-	-	-	-
Mattresses and Spring Beds.		645	635	649	649	654	647	658	689	683	613	651	637	618
Males,		479	481	499	498	497	486	490	490	461	433	473	463	463
Females,		166	152	150	151	157	161	178	172	162	161	178	174	160
Military and Naval Equipment (Textile).		1,637	808	569	381	514	561	601	1,339	1,680	2,325	3,073	3,940	4,761
Males,		494	84	92	116	142	141	148	370	601	726	931	1,122	1,457
Females,		1,143	224	267	265	372	420	453	969	1,079	1,599	2,142	2,818	3,304
Millinery and Lace Goods.		1,637	1,968	1,980	1,938	1,884	1,439	1,415	1,338	1,416	1,438	1,663	1,578	1,708
Males,		264	317	325	319	297	235	225	219	216	208	240	249	291
Females,		1,363	1,551	1,655	1,619	1,587	1,204	1,190	1,113	1,200	1,230	1,423	1,323	1,415
Mineral and Soda Waters.		484	355	353	380	459	637	603	701	744	690	437	538	318
Males,		475	328	346	374	451	526	592	687	729	581	419	332	312
Females,		9	7	6	6	8	11	11	14	15	9	8	6	6

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Minerals and Earths, Ground.													
Males,	118	125	123	132	130	113	83	102	107	111	110	111	120
Females,	108	117	120	125	122	109	81	94	99	102	102	103	112
	8	8	8	7	8	9	7	8	8	9	8	8	8
Mirrors.													
Males,	107	113	116	113	113	110	105	108	105	104	93	93	83
Females,	106	117	115	111	112	109	104	107	104	103	95	97	92
	1	1	1	1	1	1	1	1	1	1	1	1	1
Models and Patterns, not including Paper Patterns.													
Males,	376	379	381	394	383	385	383	402	386	373	332	333	379
Females,	373	376	378	392	381	383	394	390	383	373	379	385	375
	3	3	3	2	2	2	2	3	4	5	3	3	4
Monuments and Tombstones.													
Males,	953	837	888	1,000	1,039	1,091	1,045	1,012	965	923	864	810	769
Females,	953	857	886	1,000	1,039	1,091	1,045	1,012	965	923	864	810	769
	-	-	-	-	-	-	-	-	-	-	-	-	-
Muchage and Paste.													
Males,	105	110	108	111	109	107	100	91	97	104	100	107	107
Females,	87	91	87	93	92	87	82	76	81	87	83	88	87
	18	19	21	18	17	20	18	16	16	17	17	19	20
Musical Instruments and Materials, not Specified.													
Males,	235	248	297	295	298	292	295	298	286	289	269	263	261
Females,	227	241	236	234	239	235	230	230	277	215	206	204	212
	53	57	61	61	59	57	65	62	59	54	53	54	49

Musical Instruments, Pianos and Organs, and Materials.		3,370	3,791	3,763	3,644	3,559	3,467	3,852	3,112	3,191	3,185	3,064	3,806	3,182
Males,		3,117	3,496	3,478	3,359	3,293	3,222	3,022	2,879	2,958	2,949	2,805	2,966	2,948
Females,		253	296	275	285	266	245	230	233	233	236	249	240	234
Oil, not elsewhere Specified.		326	348	340	333	325	315	317	312	308	321	321	338	337
Males,		317	332	330	324	315	306	307	303	301	315	313	320	327
Females,		9	10	10	9	10	9	10	9	5	6	8	13	10
Paints and Varnishes.		538	567	583	614	604	585	565	559	559	564	575	605	631
Males,		518	507	522	544	537	521	506	494	484	507	517	538	563
Females,		64	60	61	70	67	64	59	58	55	57	58	67	78
Paper and Wood Pulp.		14,165	14,484	14,541	14,636	14,038	14,094	14,141	13,811	13,698	13,773	14,027	14,484	14,478
Males,		10,437	10,775	10,726	10,753	10,293	10,321	10,374	10,175	10,246	10,197	10,326	10,447	10,554
Females,		3,728	3,809	3,815	3,883	3,745	3,773	3,767	3,636	3,347	3,576	3,701	3,787	3,919
Paper Goods, not elsewhere Specified.		3,391	4,034	4,046	4,100	4,080	3,983	3,974	3,788	3,719	3,768	3,730	3,827	3,800
Males,		2,261	2,265	2,393	2,392	2,341	2,324	2,252	2,150	2,163	2,176	2,183	2,209	2,314
Females,		1,630	1,669	1,663	1,708	1,689	1,664	1,622	1,578	1,557	1,576	1,597	1,618	1,606
Patent Medicines and Compounds, and Druggists' Preparations.		1,680	1,641	1,658	1,693	1,707	1,691	1,697	1,638	1,518	1,577	1,748	1,889	1,896
Males,		772	769	829	841	825	800	748	754	733	718	742	754	749
Females,		908	772	823	852	882	891	819	828	785	859	1,013	1,135	1,147
Photographic Apparatus and Materials.		34	28	28	30	34	37	39	41	42	37	35	39	29
Males,		22	22	20	20	22	22	23	24	24	20	19	19	19
Females,		12	6	6	10	12	15	16	17	18	17	16	10	10

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.		January	February	March	April	May	June	July	August	September	October	November	December
Average Number Employed													
Photo-Engraving.													
Males,	358	357	364	364	369	366	347	366	345	357	351	363	351
Females,	330	330	336	336	332	328	318	329	323	329	322	323	321
	28	27	28	28	30	28	29	27	22	28	29	30	30
Plumbers' Supplies.													
Males,	533	512	603	598	577	553	533	516	498	476	478	465	445
Females,	486	556	554	552	528	506	480	466	456	432	429	423	407
	47	56	49	44	49	52	53	50	42	44	43	42	38
Pocketbooks.													
Males,	351	351	354	353	353	351	333	309	314	340	354	360	357
Females,	96	105	102	100	99	96	87	88	90	89	87	96	94
	255	256	262	263	264	265	246	218	224	251	267	264	263
Pottary.													
Males,	166	160	164	163	156	160	160	169	169	169	189	189	188
Females,	135	139	143	144	137	140	140	141	141	137	118	117	114
	21	21	21	19	19	20	20	21	21	22	21	22	24
Printing and Publishing.													
Males,	9,665	9,217	9,978	9,985	9,866	9,708	9,519	9,355	9,188	9,390	9,581	9,653	9,654
Females,	7,555	7,786	7,837	7,845	7,722	7,619	7,447	7,335	7,203	7,272	7,443	7,470	7,469
	2,110	2,121	2,141	2,140	2,144	2,089	2,072	2,000	1,983	2,048	2,138	2,182	2,185
Refrigerators.													
Males,	102	108	113	116	120	125	114	99	97	86	69	84	97
Females,	102	108	113	116	120	125	114	99	97	86	69	84	97
	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1917 — Continued.

Industries and Sex.	Average Number Em- ployed	January	February	March	April	May	June	July	August	September	October	November	December
Show Cases.													
Males,	69	69	67	73	73	75	77	60	60	65	65	64	63
Females,	67	67	65	71	71	73	74	60	60	63	63	62	61
	2	2	2	2	2	2	3	-	-	2	2	2	2
Signs and Advertising Novelties.													
Males,	410	414	415	431	440	439	406	384	400	403	404	410	409
Females,	221	219	221	243	249	241	222	208	212	214	211	209	212
	189	195	194	178	191	188	184	176	188	189	193	201	190
Silk and Silk Goods, including Throwsters.													
Males,	4,164	4,141	4,212	4,355	4,189	4,360	4,309	3,869	4,036	4,068	4,081	4,198	4,363
Females,	1,328	1,234	1,274	1,335	1,280	1,323	1,339	1,250	1,310	1,339	1,342	1,419	1,484
	2,836	2,907	2,938	3,030	2,909	2,937	2,970	2,619	2,726	2,717	2,739	2,779	2,779
Silverware and Plated Ware.													
Males,	2,480	2,494	2,533	2,591	2,558	2,431	2,376	2,133	2,445	2,541	2,542	2,457	2,378
Females,	2,086	2,111	2,155	2,204	2,165	2,105	2,032	1,829	2,087	2,142	2,132	2,005	1,993
	374	383	378	387	393	376	344	304	358	399	410	392	379
Slaughtering and Meat Packing.													
Males,	3,680	4,151	4,012	3,771	3,534	3,498	3,427	3,430	3,427	3,436	3,514	3,811	4,157
Females,	3,651	4,117	3,979	3,738	3,551	3,460	3,401	3,393	3,402	3,409	3,487	3,815	4,110
	29	34	33	33	33	29	26	27	25	27	27	26	27
Soap.													
Males,	897	739	702	844	981	978	953	953	906	909	890	894	915
Females,	638	545	551	611	658	653	655	676	670	642	655	647	671
	259	104	211	233	323	325	298	277	236	267	235	247	242

Sporting and Athletic Goods.		1,513	1,668	1,714	1,747	1,649	1,661	1,671	977	969	968	1,025	1,087	1,110
Males,		948	1,253	1,259	1,265	1,157	1,052	863	714	704	707	756	812	815
Females,		365	435	455	482	492	509	388	263	265	255	269	275	295
Springs, Steel, Car and Carriage.		23	22	22	22	24	24	24	24	24	23	22	23	23
Males,		23	22	22	22	24	24	24	24	24	23	22	23	23
Females,		-	-	-	-	-	-	-	-	-	-	-	-	-
Stationary Goods, not elsewhere Specified.		2,614	2,545	2,575	2,646	2,579	2,568	2,551	2,521	2,555	2,634	2,716	2,751	2,758
Males,		1,160	1,143	1,151	1,202	1,146	1,143	1,128	1,115	1,105	1,127	1,168	1,181	1,180
Females,		1,454	1,402	1,424	1,444	1,433	1,425	1,423	1,406	1,450	1,507	1,548	1,570	1,552
Statuary and Art Goods.		75	83	77	77	85	86	75	65	66	69	72	74	68
Males,		74	82	76	76	84	85	74	65	66	69	72	74	62
Females,		1	1	1	1	1	1	1	-	-	-	-	-	-
Steam Fittings and Steam and Hot-Water Heating Apparatus.		3,861	4,331	4,075	4,006	3,895	3,840	3,880	3,808	3,780	3,852	3,945	3,979	4,065
Males,		3,760	4,076	3,858	3,837	3,732	3,670	3,654	3,635	3,596	3,667	3,744	3,772	3,856
Females,		191	245	217	169	173	170	166	173	184	185	199	207	209
Steam Packing.		73	76	76	71	72	68	70	72	70	74	73	77	74
Males,		72	74	76	71	72	68	68	69	67	72	73	77	74
Females,		1	2	-	-	-	-	2	3	3	2	-	-	-
Stereotyping and Electrotyping.		468	476	469	483	488	485	472	473	463	460	457	451	440
Males,		378	388	377	389	390	391	382	381	370	372	370	367	359
Females,		90	88	92	94	96	94	90	92	92	88	87	84	81

TABLE III. WAGE-EARNERS — Continued.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Stoves and Hot-Air Furnaces, not in- cluding Gas and Oil Stoves.													
Males,	1,403	1,438	1,466	1,513	1,480	1,488	1,378	1,395	1,404	1,405	1,399	1,398	1,388
Females,	4	3	4	5	5	4	3	3	4	4	4	4	4
Structural Ironwork, not made in Steel Works or Rolling Mills.													
Males,	1,746	1,699	1,678	1,639	1,657	1,697	1,739	1,743	1,807	1,784	1,773	1,853	1,916
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-
Surgical Appliances.													
Males,	490	390	333	360	403	439	431	454	433	438	445	456	437
Females,	283	194	205	229	267	300	311	300	317	324	303	317	313
Females,	208	126	128	131	136	189	210	254	266	261	263	263	274
Suspenders, Garters, and Elastic Woven Goods.													
Males,	2,963	3,022	3,086	3,033	3,068	3,066	2,769	2,837	2,829	2,870	2,899	2,969	3,068
Females,	987	1,042	1,030	1,051	1,054	1,022	993	943	944	936	926	933	945
Females,	1,976	1,980	1,996	1,982	2,044	2,024	1,776	1,896	1,915	1,934	1,973	2,027	2,107
Tobacco Manufactures.													
Males,	3,593	3,606	3,650	3,688	3,645	3,689	3,660	3,647	3,663	3,667	3,708	3,701	3,687
Females,	2,745	2,752	2,802	2,837	2,791	2,801	2,770	2,787	2,811	2,831	2,840	2,849	2,904
Females,	843	854	843	861	854	898	880	890	882	846	863	882	883

Toys and Games.		1,635	1,376	1,305	1,431	1,428	1,431	1,758	1,327	1,305	1,306	1,321	1,303	1,468
Males,	.	1,009	799	837	893	925	937	1,066	1,097	1,083	1,140	1,117	1,122	1,027
Females,	.	626	477	468	538	567	624	683	730	717	755	734	681	541
Trunks and Valises.		400	365	405	424	431	399	371	371	413	439	392	390	407
Males,	.	286	270	292	320	306	291	271	271	296	301	267	268	283
Females,	.	114	95	113	114	115	108	100	100	117	128	125	122	124
Type Founding and Printing Materials.		88	97	98	98	91	89	86	88	81	88	84	83	80
Males,	.	66 <td>71<td>70<td>70<td>68<td>67<td>64<td>61<td>60<td>67<td>66<td>64<td>63</td></td></td></td></td></td></td></td></td></td></td></td>	71 <td>70<td>70<td>68<td>67<td>64<td>61<td>60<td>67<td>66<td>64<td>63</td></td></td></td></td></td></td></td></td></td></td>	70 <td>70<td>68<td>67<td>64<td>61<td>60<td>67<td>66<td>64<td>63</td></td></td></td></td></td></td></td></td></td>	70 <td>68<td>67<td>64<td>61<td>60<td>67<td>66<td>64<td>63</td></td></td></td></td></td></td></td></td>	68 <td>67<td>64<td>61<td>60<td>67<td>66<td>64<td>63</td></td></td></td></td></td></td></td>	67 <td>64<td>61<td>60<td>67<td>66<td>64<td>63</td></td></td></td></td></td></td>	64 <td>61<td>60<td>67<td>66<td>64<td>63</td></td></td></td></td></td>	61 <td>60<td>67<td>66<td>64<td>63</td></td></td></td></td>	60 <td>67<td>66<td>64<td>63</td></td></td></td>	67 <td>66<td>64<td>63</td></td></td>	66 <td>64<td>63</td></td>	64 <td>63</td>	63
Females,	.	22	26	28	28	23	22	22	21	21	21	18	19	17
Upholstering Materials.		323	316	314	311	338	336	353	345	395	298	321	357	364
Males,	.	275	275	267	261	285	281	292	280	253	253	263	291	284
Females,	.	53	41	47	50	51	54	60	45	42	45	58	66	70
Vinegar and Cider.		58	44	48	48	39	41	48	48	56	68	103	108	63
Males,	.	58 <th>44</th> <th>42</th> <th>42</th> <th>39</th> <th>41</th> <th>42</th> <th>48</th> <th>56</th> <th>68</th> <th>103</th> <th>108</th> <th>63</th>	44	42	42	39	41	42	48	56	68	103	108	63
Females,	.	-	-	-	-	-	-	-	-	-	-	-	-	-
Waste.		1,078	1,076	1,067	1,061	1,019	1,076	1,060	1,060	1,063	997	1,077	1,111	1,189
Males,	.	633	658	646	619	579	615	623	623	621	580	639	664	716
Females,	.	439	418	421	442	440	461	467	467	444	417	438	447	413
Watch and Clock Materials.		263	240	257	243	253	255	256	267	278	268	265	265	297
Males,	.	104	91	98	90	98	103	105	106	107	109	113	110	112
Females,	.	154	149	159	158	155	152	151	161	165	157	152	153	155

TABLE III. WAGE-EARNERS — Concluded.
 AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1917 — Concluded.

Industries and Sex.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Whips.	860	911	930	943	935	919	889	830	797	767	747	747	796
Males,	590	634	646	663	647	641	601	571	555	534	514	515	552
Females,	260	277	284	280	288	278	288	259	242	233	233	232	244
Window and Door Screens.	108	66	78	113	193	145	149	140	190	96	78	53	53
Males,	100	63	76	111	123	143	147	138	118	93	76	51	51
Females,	2	2	2	2	3	3	2	2	2	2	2	2	2
Window Shades and Pictures.	56	53	59	60	69	69	67	61	67	63	61	60	43
Males,	38	40	41	41	41	40	39	43	40	35	34	32	29
Females,	18	13	18	19	18	19	18	18	17	17	17	18	19
Wire.	4,513	4,607	4,430	4,538	4,593	4,639	4,539	4,495	4,438	4,519	4,539	4,376	4,413
Males,	4,303	4,385	4,306	4,401	4,510	4,510	4,423	4,386	4,366	4,404	4,415	4,448	4,383
Females,	120	122	124	137	125	119	111	109	116	115	114	123	130
Wirework, including Wire Rope and Cable.	2,443	2,335	2,324	2,374	2,433	2,404	2,356	2,363	2,400	2,394	2,450	2,267	2,713
Males,	1,965	1,832	1,866	1,894	1,931	1,931	1,912	1,921	1,935	1,931	2,002	2,037	2,207
Females,	463	473	458	480	451	443	444	437	445	433	443	500	505
Wood, Turned and Carved.	1,336	1,341	1,333	1,266	1,237	1,278	1,269	1,263	1,175	1,164	1,203	1,247	1,315
Males,	1,297	1,309	1,306	1,233	1,205	1,241	1,232	1,211	1,142	1,132	1,170	1,213	1,278
Females,	39	32	33	33	32	37	67	71	33	32	33	34	37

Wooden Goods.		\$15	\$18	\$16	\$25	\$35	\$36	\$16	\$16	\$25	\$30	\$34	\$30	\$34	\$30	\$34	\$30
Males,	.	305	307	306	317	325	329	310	309	288	295	296	290	296	290	296	298
Females,	.	8	11	9	8	8	7	6	6	7	5	8	10	8	8	8	8
Wool Scouring.		1,188	1,041	1,069	1,145	1,145	1,091	1,089	1,340	1,334	1,337	1,330	1,343	1,334	1,343	1,311	1,311
Males,	.	1,188	989	1,019	1,094	1,094	1,050	1,043	1,190	1,184	1,182	1,181	1,198	1,243	1,198	1,259	1,259
Females,	.	50	53	50	49	49	41	46	50	50	55	49	50	51	50	52	52
Woolen and Worsted Goods.		53,723	57,994	53,113	59,084	59,084	53,552	57,315	57,927	57,980	55,649	57,677	60,943	62,322	60,943	61,530	61,530
Males,	.	35,141	34,630	34,809	35,350	35,350	34,906	34,215	34,709	34,699	33,664	34,556	36,187	37,037	36,187	36,780	36,780
Females,	.	23,587	23,364	23,309	23,734	23,734	23,446	23,000	23,218	23,221	21,985	23,121	24,761	25,185	24,761	24,750	24,750
Other Industries.		53,956	57,974	53,033	53,043	53,043	53,315	53,645	53,439	57,319	57,371	53,008	61,960	64,065	61,960	63,375	63,375
Males,	.	43,976	43,532	43,678	43,632	43,632	47,081	46,573	47,090	47,673	47,447	43,827	50,428	52,413	50,428	54,396	54,396
Females,	.	9,980	9,392	9,360	9,426	9,426	9,134	9,072	9,349	9,546	9,924	10,181	10,532	11,652	10,532	12,079	12,079

TABLE IV. WAGE-EARNERS.

NUMBER OF WAGE-EARNERS EMPLOYED DECEMBER 15, 1917.
BY AGE AND SEX.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
THE STATE.	474,976	198,823	663,800	28,435	30,306	58,741	726,540
Artificial limbs,	17	1	18	2	-	2	30
Artificial stone products,	164	-	164	5	-	5	169
Automobiles, including bodies and parts,	3,063	63	3,734	123	7	130	3,853
Awnings, tents, and sails,	197	153	350	8	6	14	364
Baskets, and rattan and willow ware,	137	16	153	8	-	8	161
Belting, leather,	2,300	225	2,525	103	34	137	2,662
Billiard tables and materials,	36	-	36	-	-	-	36
Blacking, stains, and dressings,	283	291	573	14	42	56	629
Bookbinding and blank-book mak- ing,	1,417	1,322	2,639	181	195	376	3,015
Boot and shoe cut stock and find- ings,	6,373	2,380	8,753	635	408	1,033	9,785
Boots and shoes,	45,988	25,199	71,187	3,640	3,033	6,673	77,860
Boots and shoes, rubber,	7,718	5,357	13,075	363	563	925	13,900
Boxes, cigar,	73	73	146	8	13	21	167
Boxes, fancy and paper,	1,541	2,434	3,975	140	625	765	4,740
Boxes, wooden packing,	3,194	197	3,391	173	36	209	3,600
Brass, bronzes and copper products,	2,477	41	2,518	38	10	48	2,566
Bread and other bakery products,	6,044	965	7,009	203	268	471	7,480
Brick and tile,	606	25	631	33	9	42	672
Brooms,	97	13	109	16	1	17	126
Brushes,	840	780	1,620	54	110	164	1,784
Butter,	35	1	36	-	-	-	36
Buttons,	436	277	713	62	165	227	900
Canning and preserving,	1,330	323	1,653	72	56	128	1,771
Carpets and rugs, other than rag,	1,889	1,351	3,240	261	256	517	3,657
Carpets, rag,	43	11	54	1	3	3	57
Carriages and sleds, children's,	986	104	1,090	60	17	77	1,167
Carriages and wagons, and ma- terials,	780	-	780	7	-	7	787
Cars and general shop construction and repairs by steam railroad companies,	6,381	38	6,419	141	9	150	6,569
Chemicals,	2,461	145	2,606	46	61	107	2,713
Cleansing and polishing prepara- tions,	43	6	48	2	4	6	54
Cloth, sponging and refinishing,	47	-	47	3	-	3	50
Clothing, men's,	2,631	2,719	5,340	43	150	193	5,533
Clothing, men's, buttonholes,	1	3	4	2	1	3	7
Clothing, women's,	1,015	3,900	4,915	28	197	225	5,040
Coffee and spice, roasting and grinding,	286	186	472	7	8	15	487
Coffins, burial cases, and under- takers' goods,	254	41	295	27	3	30	325
Combs and hairpins,	1,350	541	1,891	166	155	321	2,212
Confectionery and ice cream,	2,372	5,355	7,727	197	1,455	1,652	9,379
Confectionery,	1,997	5,330	7,327	190	1,453	1,643	8,969
Ice cream,	375	35	410	7	3	10	430
Cooperage,	609	21	630	41	3	44	674
Copper, tin, and sheet-iron prod- ucts,	2,408	149	2,555	168	43	210	2,765
Cordage and twine, and jute goods,	3,255	2,174	5,429	261	339	600	6,029
Corsets,	213	1,156	1,369	29	301	330	1,500
Cotton goods,	57,999	43,408	101,407	6,097	7,179	13,276	119,683

TABLE IV. WAGE-EARNERS — Continued.
 NUMBER OF WAGE-EARNERS EMPLOYED, ETC. — Continued.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Cotton small wares,	524	824	1,348	51	151	202	1,550
Cutlery and tools, not elsewhere specified,	9,389	1,317	10,706	600	221	821	11,527
Dental goods,	24	9	33	13	—	13	46
Dyeing and finishing textiles,	11,531	2,588	14,419	678	621	1,299	15,718
Dyestuffs and extracts,	184	—	184	6	4	10	194
Electrical machinery, apparatus, and supplies,	16,834	3,912	20,746	950	1,523	2,473	23,219
Electroplating,	308	17	325	16	2	18	943
Enameling and japanning,	84	51	135	13	7	20	155
Engraving and die-sinking,	131	8	139	23	1	23	163
Engraving, steel and copper plate, including plate printing,	206	150	355	25	36	61	416
Envelopes,	627	1,168	1,795	54	201	255	2,050
Fancy articles, not elsewhere speci- fied,	645	718	1,363	92	317	409	1,772
Felt goods,	910	186	1,096	37	31	68	1,164
Flavoring extracts,	35	63	98	—	8	8	106
Flour-mill and gristmill products,	137	—	137	—	—	—	137
Food preparations,	498	138	636	25	16	41	677
Foundry and machine-shop products,	61,494	1,531	63,325	2,063	243	2,296	65,621
Fur goods,	104	127	231	5	4	9	240
Furnishing goods, men's,	59	226	285	11	121	132	417
Furniture,	5,135	896	6,031	335	95	430	6,461
Galvanizing,	10	—	10	—	—	—	10
Gas and electric fixtures,	94	7	101	17	3	20	121
Gas, illuminating and heating,	2,144	—	2,144	14	—	14	2,158
Glass, cutting, staining, and orna- menting,	139	16	155	15	—	15	170
Glue,	630	127	757	7	11	18	775
Gold and silver, leaf and foil,	58	75	133	9	3	12	145
Gold and silver, reducing and re- fining, not from the ore,	17	—	17	1	—	1	18
Grease and tallow,	618	4	622	9	—	9	631
Hand stamps and stencils and brands,	86	16	102	14	4	18	120
Hardware,	1,062	147	1,199	60	20	80	1,279
Hats and caps, other than felt, straw and wool,	210	96	306	7	11	18	324
Hats, fur-felt,	501	291	792	27	12	39	831
Hats, straw,	664	1,386	2,050	34	40	64	2,114
Hosiery and knit goods,	3,171	8,197	11,368	334	1,127	1,461	12,829
House-furnishing goods, not else- where specified,	191	153	344	28	33	61	405
Ice, manufactured,	34	—	34	—	—	—	34
Instruments, professional and sci- entific,	1,229	99	1,328	84	39	123	1,451
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills,	931	355	1,286	26	70	96	1,382
Iron and steel forgings,	1,563	27	1,590	45	11	56	1,646
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills,	1,182	331	1,513	96	84	180	1,693
Jewelry,	3,181	1,746	4,927	214	278	492	5,419
Jewelry and instrument cases,	141	385	526	20	75	95	621
Labels and tags,	15	16	31	10	—	10	41
Lamps and reflectors,	299	30	329	27	3	30	359
Lasts,	938	23	961	64	7	71	1,032

TABLE IV. WAGE-EARNERS — Continued.
 NUMBER OF WAGE-EARNERS EMPLOYED, ETC. — Continued.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Leather goods, not elsewhere speci- fied,	297	207	504	24	23	47	551
Leather, tanned, curried, and fin- ished,	11,387	533	11,920	192	41	233	12,153
Lime,	377	—	377	—	—	—	377
Linen goods,	632	666	1,298	154	193	347	1,645
Liquors, distilled,	81	—	81	1	—	1	82
Liquors, malt,	1,990	8	1,998	—	—	—	1,998
Lithographing,	745	267	1,012	102	46	148	1,160
Looking-glass and picture frames, . .	110	2	112	6	—	6	118
Lumber and timber products,	706	6	712	16	—	16	728
Lumber, planing-mill products, . . .	2,237	2	2,239	62	—	62	2,301
Marble and stone work,	1,420	—	1,420	9	—	9	1,429
Mattresses and spring beds,	413	141	554	35	22	57	611
Military and naval equipment (tex- tile),	1,368	3,494	4,862	57	152	209	5,071
Millinery and lace goods,	277	1,274	1,551	24	131	155	1,706
Mineral and soda waters,	332	8	340	6	—	6	346
Minerals and earths, ground,	91	5	96	2	3	5	101
Mirrors,	87	1	88	6	—	6	94
Models and patterns, not including paper patterns,	361	3	364	18	2	20	384
Monuments and tombstones,	789	—	789	3	—	3	792
Mucilage and paste,	84	15	99	3	5	8	107
Musical instruments and materials, not specified,	192	43	235	20	13	33	268
Musical instruments, pianos and organs, and materials,	2,870	175	3,045	179	64	243	3,288
Oil, not elsewhere specified,	334	10	344	4	—	4	348
Paints and varnishes,	547	71	618	21	6	27	645
Paper and wood pulp,	10,344	3,774	14,118	152	151	303	14,421
Paper goods, not elsewhere speci- fied,	2,047	1,279	3,326	179	326	505	3,831
Patent medicines and compounds and druggists' preparations,	667	885	1,552	76	275	351	1,903
Photographic apparatus and ma- terials,	19	10	29	1	1	2	31
Photo engraving,	284	26	310	36	4	40	350
Plumbers' supplies,	394	21	415	16	11	27	442
Pocketbooks,	88	219	307	10	55	65	373
Pottery,	105	21	126	12	3	15	141
Printing and publishing,	6,926	2,003	8,929	576	218	794	9,723
Refrigerators,	101	—	101	—	—	—	101
Rubber goods, not elsewhere speci- fied,	7,174	1,412	8,586	100	107	207	8,793
Saddlery and harness,	160	21	181	3	1	4	185
Sausage, not made in slaughter- ing and meat-packing establish- ments,	387	4	391	7	1	8	399
Screws, machine,	553	39	592	62	30	92	684
Shipbuilding, wooden, including boat building,	1,207	—	1,207	14	—	14	1,221
Shirts,	181	1,201	1,382	3	73	76	1,458
Shoddy, wool,	615	25	640	9	2	11	651
Show cases,	59	2	61	2	1	3	64
Signs and advertising novelties, . .	199	131	330	12	71	83	413
Silk and silk goods, including throwsters,	1,325	2,490	3,815	148	474	622	4,437
Silverware and plated ware,	1,326	314	2,140	97	39	136	2,276

TABLE IV. WAGE-EARNERS — Concluded.
 NUMBER OF WAGE-EARNERS EMPLOYED, ETC. — Concluded.

INDUSTRIES.	18 YEARS OF AGE AND OVER			UNDER 18 YEARS OF AGE			Aggre- gates
	Males	Fe- males	Total	Males	Fe- males	Total	
The State — Con.							
Slaughtering and meat packing, . .	4,034	24	4,058	46	3	49	4,107
Soap,	674	188	862	28	64	92	954
Sporting and athletic goods, . . .	733	292	1,025	78	28	106	1,131
Springs, steel, car and carriage, . .	23	—	23	—	—	—	23
Stationery goods, not elsewhere specified,	1,068	1,282	2,350	128	277	405	2,755
Statuary and art goods,	61	—	61	—	—	—	61
Steam fittings and steam and hot- water heating apparatus,	3,783	190	3,973	105	17	122	4,095
Steam packing,	74	—	74	4	—	4	78
Stereotyping and electrotyping, . .	329	83	412	32	—	32	444
Stoves and hot-air furnaces, except gas and oil stoves,	1,249	3	1,252	24	2	26	1,278
Structural ironwork, not made in steel works or rolling mills, . . .	1,975	—	1,975	19	—	19	1,994
Surgical appliances,	281	235	516	31	44	75	591
Suspenders, garters, and elastic woven goods,	890	1,859	2,749	69	244	313	3,062
Tobacco manufacturers,	1,274	517	1,791	64	19	83	1,874
Toys and games,	872	421	1,293	146	131	277	1,570
Trunks and valises,	263	106	369	22	21	43	412
Type founding and printing mate- rials,	64	17	81	1	—	1	82
Upholstering materials,	310	65	375	3	1	4	379
Vinegar and cider,	78	—	78	1	—	1	79
Waste,	685	401	1,086	14	19	33	1,119
Watch and clock materials,	105	139	244	7	16	23	267
Whips,	512	200	712	31	35	66	778
Window and door screens,	51	2	53	—	—	—	53
Window shades and fixtures, . . .	31	17	48	1	—	1	49
Wire,	4,499	94	4,593	88	25	113	4,706
Wirework, including wire rope and cable,	2,072	411	2,483	143	105	248	2,731
Wood, turned and carved,	1,084	54	1,138	146	6	152	1,290
Wooden goods,	265	8	273	26	2	28	311
Wool scouring,	1,224	45	1,269	21	7	28	1,297
Woolen and worsted goods,	34,743	21,897	56,640	2,856	3,581	6,437	63,077
All other industries,	50,723	10,267	60,990	2,338	2,029	4,367	65,357

TABLE V. WAGES.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1917.

INDUSTRIES AND SEX.	Total Num- ber of Wage Earn- ers	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Under \$3		\$3 but under \$4		\$4 but under \$5		\$5 but under \$6		\$6 but under \$7		\$7 but under \$8		\$8 but under \$9		\$9 but under \$10		\$10 but under \$11		\$11 but under \$12	
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22
THE STATE.	903,967	538	2,408	7,031	16,208	23,398	31,236	38,554	45,308	46,440	62,648	60,337	52,938	56,066	87,008	76,610	56,924	56,999	72,256		
Adults (18 years of age and over):																					
Males,	530,880	36	117	451	1,256	2,323	4,556	8,560	13,879	17,411	34,417	39,614	36,017	51,932	72,661	68,472	52,785	54,521	71,843		
Females,	212,464	103	525	1,908	6,270	11,833	18,127	22,429	24,804	24,133	24,610	18,764	16,017	13,518	13,826	7,915	4,053	2,446	1,394		
Young persons (under 18 years of age),	60,603	31	399	1,766	4,672	8,632	9,242	8,523	7,556	6,825	4,896	3,621	1,969	904	636	521	223	86	33	18	
Artificial Limbs.																					
Adults (18 years of age and over):																					
Males,	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Females,	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Artificial Stone Products.																					
Adults (18 years of age and over):																					
Males,	391	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Automobiles, including Bodies and Parts.																					
Adults (18 years of age and over):																					
Males,	4,755	-	4	6	21	17	31	77	103	75	207	263	167	408	768	943	583	517	587		
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adults (18 years of age and over):																					
Males,	4,558	-	-	4	6	2	18	45	73	65	180	246	163	440	747	987	581	517	525		
Females,	87	-	-	-	-	-	0	21	9	7	16	11	2	8	3	3	1	-	-		
Young persons (under 18 years of age),	110	-	4	2	15	9	13	11	21	3	11	6	2	5	2	3	1	-	-		

Awnings, Tents, and Sails.	676	-	-	-	6	7	10	16	26	36	44	69	86	106	13	59	44	66	53	32	20
Adults (18 years of age and over):																					
Males,	338	-	-	-	-	1	3	1	3	6	11	26	16	16	9	44	41	66	51	30	20
Females,	231	-	-	-	-	2	5	13	23	86	31	33	10	4	4	15	3	-	1	2	-
Young persons (under 18 years of age),	16	-	-	-	-	4	2	1	-	4	2	-	-	-	-	-	-	-	-	-	-
Baskets, and Batten and Willow Ware.	164	-	-	-	-	8	6	7	10	16	11	40	19	5	23	4	14	2	8	1	1
Adults (18 years of age and over):																					
Males,	142	-	-	-	-	1	1	4	10	13	9	35	19	5	21	4	14	2	3	1	1
Females,	16	-	-	-	-	1	3	1	-	3	2	4	-	-	2	-	-	-	-	-	-
Young persons (under 18 years of age),	6	-	-	-	-	-	2	2	-	-	-	1	-	-	-	-	-	-	-	-	-
Baking, Leather.	2,770	-	-	-	-	8	7	21	34	53	99	87	70	87	106	355	611	401	312	418	418
Adults (18 years of age and over):																					
Males,	2,427	-	-	-	-	2	10	15	28	39	40	54	41	42	95	341	601	396	311	412	412
Females,	213	-	-	-	-	1	2	11	10	66	45	26	15	9	8	6	9	2	1	2	2
Young persons (under 18 years of age),	130	-	-	-	-	8	4	9	8	15	20	7	14	6	2	8	1	3	-	1	1
Billiard Tables and Materials.	30	-	-	-	-	-	-	-	-	-	-	1	1	1	5	6	6	6	5	8	-
Adults (18 years of age and over):																					
Males,	30	-	-	-	-	-	-	-	-	-	-	1	1	2	1	3	6	8	5	3	-
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Blacking, Stains, and Dressings.	782	-	-	-	-	39	79	140	61	41	25	54	77	22	42	27	44	28	15	43	43
Adults (18 years of age and over):																					
Males,	339	-	-	-	-	1	3	2	2	2	6	36	67	17	39	22	42	26	13	43	43
Females,	331	-	-	-	-	1	23	130	51	37	18	16	10	5	3	5	2	2	2	2	-
Young persons (under 18 years of age),	112	-	-	-	-	37	53	8	8	2	1	2	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1917 — Continued.

Industries and Sex.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		Under \$3		\$3 to \$4		\$4 to \$5		\$5 to \$6		\$6 to \$7		\$7 to \$8		\$8 to \$9		\$9 to \$10		\$10 to \$11		\$11 to \$12		\$12 to \$13		\$13 to \$14		\$14 to \$15		\$15 to \$16		\$16 to \$18		\$18 to \$20		\$20 to \$22		\$22 to \$25		\$25 to \$30		\$30 to \$35		\$35 to \$40		\$40 to \$45		\$45 to \$50		\$50 to \$55		\$55 to \$60		\$60 to \$65		\$65 to \$70		\$70 to \$75		\$75 to \$80		\$80 to \$85		\$85 to \$90		\$90 to \$95		\$95 to \$100		\$100 to \$105		\$105 to \$110		\$110 to \$115		\$115 to \$120		\$120 to \$125		\$125 to \$130		\$130 to \$135		\$135 to \$140		\$140 to \$145		\$145 to \$150		\$150 to \$155		\$155 to \$160		\$160 to \$165		\$165 to \$170		\$170 to \$175		\$175 to \$180		\$180 to \$185		\$185 to \$190		\$190 to \$195		\$195 to \$200		\$200 to \$205		\$205 to \$210		\$210 to \$215		\$215 to \$220		\$220 to \$225		\$225 to \$230		\$230 to \$235		\$235 to \$240		\$240 to \$245		\$245 to \$250		\$250 to \$255		\$255 to \$260		\$260 to \$265		\$265 to \$270		\$270 to \$275		\$275 to \$280		\$280 to \$285		\$285 to \$290		\$290 to \$295		\$295 to \$300		\$300 to \$305		\$305 to \$310		\$310 to \$315		\$315 to \$320		\$320 to \$325		\$325 to \$330		\$330 to \$335		\$335 to \$340		\$340 to \$345		\$345 to \$350		\$350 to \$355		\$355 to \$360		\$360 to \$365		\$365 to \$370		\$370 to \$375		\$375 to \$380		\$380 to \$385		\$385 to \$390		\$390 to \$395		\$395 to \$400		\$400 to \$405		\$405 to \$410		\$410 to \$415		\$415 to \$420		\$420 to \$425		\$425 to \$430		\$430 to \$435		\$435 to \$440		\$440 to \$445		\$445 to \$450		\$450 to \$455		\$455 to \$460		\$460 to \$465		\$465 to \$470		\$470 to \$475		\$475 to \$480		\$480 to \$485		\$485 to \$490		\$490 to \$495		\$495 to \$500		\$500 to \$505		\$505 to \$510		\$510 to \$515		\$515 to \$520		\$520 to \$525		\$525 to \$530		\$530 to \$535		\$535 to \$540		\$540 to \$545		\$545 to \$550		\$550 to \$555		\$555 to \$560		\$560 to \$565		\$565 to \$570		\$570 to \$575		\$575 to \$580		\$580 to \$585		\$585 to \$590		\$590 to \$595		\$595 to \$600		\$600 to \$605		\$605 to \$610		\$610 to \$615		\$615 to \$620		\$620 to \$625		\$625 to \$630		\$630 to \$635		\$635 to \$640		\$640 to \$645		\$645 to \$650		\$650 to \$655		\$655 to \$660		\$660 to \$665		\$665 to \$670		\$670 to \$675		\$675 to \$680		\$680 to \$685		\$685 to \$690		\$690 to \$695		\$695 to \$700		\$700 to \$705		\$705 to \$710		\$710 to \$715		\$715 to \$720		\$720 to \$725		\$725 to \$730		\$730 to \$735		\$735 to \$740		\$740 to \$745		\$745 to \$750		\$750 to \$755		\$755 to \$760		\$760 to \$765		\$765 to \$770		\$770 to \$775		\$775 to \$780		\$780 to \$785		\$785 to \$790		\$790 to \$795		\$795 to \$800		\$800 to \$805		\$805 to \$810		\$810 to \$815		\$815 to \$820		\$820 to \$825		\$825 to \$830		\$830 to \$835		\$835 to \$840		\$840 to \$845		\$845 to \$850		\$850 to \$855		\$855 to \$860		\$860 to \$865		\$865 to \$870		\$870 to \$875		\$875 to \$880		\$880 to \$885		\$885 to \$890		\$890 to \$895		\$895 to \$900		\$900 to \$905		\$905 to \$910		\$910 to \$915		\$915 to \$920		\$920 to \$925		\$925 to \$930		\$930 to \$935		\$935 to \$940		\$940 to \$945		\$945 to \$950		\$950 to \$955		\$955 to \$960		\$960 to \$965		\$965 to \$970		\$970 to \$975		\$975 to \$980		\$980 to \$985		\$985 to \$990		\$990 to \$995		\$995 to \$1000		\$1000 to \$1005		\$1005 to \$1010		\$1010 to \$1015		\$1015 to \$1020		\$1020 to \$1025		\$1025 to \$1030		\$1030 to \$1035		\$1035 to \$1040		\$1040 to \$1045		\$1045 to \$1050		\$1050 to \$1055		\$1055 to \$1060		\$1060 to \$1065		\$1065 to \$1070		\$1070 to \$1075		\$1075 to \$1080		\$1080 to \$1085		\$1085 to \$1090		\$1090 to \$1095		\$1095 to \$1100		\$1100 to \$1105		\$1105 to \$1110		\$1110 to \$1115		\$1115 to \$1120		\$1120 to \$1125		\$1125 to \$1130		\$1130 to \$1135		\$1135 to \$1140		\$1140 to \$1145		\$1145 to \$1150		\$1150 to \$1155		\$1155 to \$1160		\$1160 to \$1165		\$1165 to \$1170		\$1170 to \$1175		\$1175 to \$1180		\$1180 to \$1185		\$1185 to \$1190		\$1190 to \$1195		\$1195 to \$1200		\$1200 to \$1205		\$1205 to \$1210		\$1210 to \$1215		\$1215 to \$1220		\$1220 to \$1225		\$1225 to \$1230		\$1230 to \$1235		\$1235 to \$1240		\$1240 to \$1245		\$1245 to \$1250		\$1250 to \$1255		\$1255 to \$1260		\$1260 to \$1265		\$1265 to \$1270		\$1270 to \$1275		\$1275 to \$1280		\$1280 to \$1285		\$1285 to \$1290		\$1290 to \$1295		\$1295 to \$1300		\$1300 to \$1305		\$1305 to \$1310		\$1310 to \$1315		\$1315 to \$1320		\$1320 to \$1325		\$1325 to \$1330		\$1330 to \$1335		\$1335 to \$1340		\$1340 to \$1345		\$1345 to \$1350		\$1350 to \$1355		\$1355 to \$1360		\$1360 to \$1365		\$1365 to \$1370		\$1370 to \$1375		\$1375 to \$1380		\$1380 to \$1385		\$1385 to \$1390		\$1390 to \$1395		\$1395 to \$1400		\$1400 to \$1405		\$1405 to \$1410		\$1410 to \$1415		\$1415 to \$1420		\$1420 to \$1425		\$1425 to \$1430		\$1430 to \$1435		\$1435 to \$1440		\$1440 to \$1445		\$1445 to \$1450		\$1450 to \$1455		\$1455 to \$1460		\$1460 to \$1465		\$1465 to \$1470		\$1470 to \$1475		\$1475 to \$1480		\$1480 to \$1485		\$1485 to \$1490		\$1490 to \$1495		\$1495 to \$1500		\$1500 to \$1505		\$1505 to \$1510		\$1510 to \$1515		\$1515 to \$1520		\$1520 to \$1525		\$1525 to \$1530		\$1530 to \$1535		\$1535 to \$1540		\$1540 to \$1545		\$1545 to \$1550		\$1550 to \$1555		\$1555 to \$1560		\$1560 to \$1565		\$1565 to \$1570		\$1570 to \$1575		\$1575 to \$1580		\$1580 to \$1585		\$1585 to \$1590		\$1590 to \$1595		\$1595 to \$1600		\$1600 to \$1605		\$1605 to \$1610		\$1610 to \$1615		\$1615 to \$1620		\$1620 to \$1625		\$1625 to \$1630		\$1630 to \$1635		\$1635 to \$1640		\$1640 to \$1645		\$1645 to \$1650		\$1650 to \$1655		\$1655 to \$1660		\$1660 to \$1665		\$1665 to \$1670		\$1670 to \$1675		\$1675 to \$1680		\$1680 to \$1685		\$1685 to \$1690		\$1690 to \$1695		\$1695 to \$1700		\$1700 to \$1705		\$1705 to \$1710		\$1710 to \$1715		\$1715 to \$1720		\$1720 to \$1725		\$1725 to \$1730		\$1730 to \$1735		\$1735 to \$1740		\$1740 to \$1745		\$1745 to \$1750		\$1750 to \$1755		\$1755 to \$1760		\$1760 to \$1765		\$1765 to \$1770		\$1770 to \$1775		\$1775 to \$1780		\$1780 to \$1785		\$1785 to \$1790		\$1790 to \$1795		\$1795 to \$1800		\$1800 to \$1805		\$1805 to \$1810		\$1810 to \$1815		\$1815 to \$1820		\$1820 to \$1825		\$1825 to \$1830		\$1830 to \$1835		\$1835 to \$1840		\$1840 to \$1845		\$1845 to \$1850		\$1850 to \$1855		\$1855 to \$1860		\$1860 to \$1865		\$1865 to \$1870		\$1870 to \$1875		\$1875 to \$1880		\$1880 to \$1885		\$1885 to \$1890		\$1890 to \$1895		\$1895 to \$1900		\$1900 to \$1905		\$1905 to \$1910		\$1910 to \$1915		\$1915 to \$1920		\$1920 to \$1925		\$1925 to \$1930		\$1930 to \$1935		\$1935 to \$1940		\$1940 to \$1945		\$1945 to \$1950		\$1950 to \$1955		\$1955 to \$1960		\$1960 to \$1965		\$1965 to \$1970		\$1970 to \$1975		\$1975 to \$1980		\$1980 to \$1985		\$1985 to \$1990		\$1990 to \$1995		\$1995 to \$2000		\$2000 to \$2005		\$2005 to \$2010		\$2010 to \$2015		\$2015 to \$2020		\$2020 to \$2025		\$2025 to \$2030		\$2030 to \$2035		\$2035 to \$2040		\$2040 to \$2045		\$2045 to \$2050		\$2050 to \$2055		\$2055 to \$2060		\$2060 to \$2065		\$2065 to \$2070		\$2070 to \$2075		\$2075 to \$2080		\$2080 to \$2085		\$2085 to \$2090		\$2090 to \$2095		\$2095 to \$2100		\$2100 to \$2105		\$2105 to \$2110		\$2110 to \$2115		\$2115 to \$2120		\$2120 to \$2125		\$2125 to \$2130		\$2130 to \$2135		\$2135 to \$2140		\$2140 to \$2145		\$2145 to \$2150		\$2150 to \$2155		\$2155 to \$2160		\$2160 to \$2165		\$2165 to \$2170		\$2170 to \$2175		\$2175 to \$2180		\$2180 to \$2185		\$2185 to \$2190		\$2190 to \$2195		\$2195 to \$2200		\$2200 to \$2205		\$2205 to \$2210		\$2210 to \$2215		\$2215 to \$2220		\$2220 to \$2225		\$2225 to \$2230		\$2230 to \$2235		\$2235 to \$2240		\$2240 to \$2245		\$2245 to \$2250		\$2250 to \$2255		\$2255 to \$2260		\$2260 to \$2265		\$2265 to \$2270		\$2270 to \$2275		\$2275 to \$2280		\$2280 to \$2285		\$2285 to \$2290		\$2290 to \$2295		\$2295 to \$2300		\$2300 to \$2305		\$2305 to \$2310		\$2310 to \$2315		\$2315 to \$2320		\$2320 to \$2325		\$2325 to \$2330		\$2330 to \$2335		\$2335 to \$2340		\$2340 to \$2345		\$2345 to \$2350		\$2350 to \$2355		\$2355 to \$2360		\$2360 to \$2365		\$2365 to \$2370		\$2370 to \$2375		\$2375 to \$2380		\$2380 to \$2385		\$2385 to \$2390		\$2390 to \$2395		\$2395 to \$2400		\$2400 to \$2405		\$2405 to \$2410		\$2410 to \$2415		\$2415 to \$2420		\$2420 to \$2425		\$2425 to \$2430		\$2430 to \$2435		\$2435 to \$2440		\$2440 to \$2445		\$2445 to \$2450		\$2450 to \$2455		\$2455 to \$2460		\$2460 to \$2465		\$2465 to \$2470		\$2470 to \$2475		\$2475 to \$2480		\$2480 to \$2485		\$2485 to \$2490		\$2490 to \$2495		\$2495 to \$2500		\$2500 to \$2505		\$2505 to \$2510		\$2510 to \$2515		\$2515 to \$2520		\$2520 to \$2525		\$2525 to \$2530		\$2530 to \$2535		\$2535 to \$2540		\$2540 to \$2545		\$2545 to \$2550		\$2550 to \$2555		\$2555 to \$2560		\$2560 to \$2565		\$2565 to \$2570		\$2570 to \$2575		\$2575 to \$2580		\$2580 to \$2585		\$2585 to \$2590		\$2590 to \$2595		\$2595 to \$2600		\$2600 to \$2605		\$2605 to \$2610		\$2610 to \$2615		\$2615 to \$2620		\$2620 to \$2625		\$2625 to \$2630		\$2630 to \$2635		\$2635 to \$2640		\$2640 to \$2645		\$2645 to \$2650		\$2650 to \$2655		\$2655 to \$2660		\$2660 to \$2665		\$2665 to \$2670		\$2670 to \$2675		\$2675 to \$2680		\$2680 to \$2685		\$2685 to \$2690		\$2690 to \$2695		\$2695 to \$2700		\$2700 to \$2705		\$2705 to \$2710		\$2710 to \$2715		\$2715 to \$2720		\$2720 to \$2725		\$2725 to \$2730		\$2730 to \$2735		\$2735 to \$2740		\$2740 to \$2745		\$2745 to \$2750		\$2750 to \$2755		\$2755 to \$2760		\$2760 to \$2765		\$2765 to \$2770		\$2770 to \$2775		\$2775 to \$2780		\$2780 to \$2785		\$2785 to \$2790		\$2790 to \$2795		\$2795 to \$2800		\$2800 to \$2805		\$2805 to \$2810		\$2810 to \$2815		\$2815 to \$2820		\$2820 to \$2825		\$2825 to \$2830		\$2830 to \$2835		\$2835 to \$2840		\$2840 to \$2845		\$2845 to \$2850		\$2850 to \$2855		\$2855 to \$2860		\$2860 to \$2865		\$2865 to \$2870		\$2870 to \$2875		\$2875 to \$2880		\$2880 to \$2885		\$2885 to \$2890		\$2890 to \$2895		\$2895 to \$2900		\$2900 to \$2905		\$2905 to \$2910		\$2910 to \$2915		\$2915 to \$2920		\$2920 to \$2925		\$2925 to \$2930		\$2930 to \$2935		\$2935 to \$2940		\$2940 to \$2945		\$2945 to \$2950		\$2950 to \$2955		\$2955 to \$2960		\$2960 to \$2965		\$2965 to \$2970		\$2970 to \$2975		\$2975 to \$2980		\$2980 to \$2985		\$2985 to \$2990		\$2990 to \$2995		\$2995 to \$3000		\$3000 to \$3005		\$3005 to \$3010		\$3010 to \$3015		\$3015 to \$3020		\$3020 to \$3025		\$3025 to \$3030		\$3030 to \$3035		\$3035 to \$3040		\$3040 to \$3045		\$3045 to \$3050		\$3050 to \$3055		\$3055 to \$3060		\$3060 to \$3065		\$3065 to \$3070		\$3070 to \$3075		\$3075 to \$3080		\$3080 to \$3085		\$3085 to \$3090		\$3090 to \$3095		\$3095 to \$3100		\$3100 to \$3105		\$3105 to \$3110		\$3110 to \$3115		\$3115 to \$3120		\$3120 to \$3125		\$3125 to \$3130		\$3130 to \$3135		\$3135 to \$3140		\$3140 to \$3145		\$3145 to \$3150		\$3150 to \$3155		\$3155 to \$3160		\$3160 to \$3165		\$3165 to \$3170		\$3170 to \$3175		\$3175 to \$3180		\$3180 to \$3185		\$3185 to \$3190		\$3190 to \$3195		\$3195 to \$3200		\$3200 to \$3205		\$3205 to \$3210		\$3210 to \$3215		\$3215 to \$3220		\$3220 to \$3225		\$3225 to \$3230		\$3230 to \$3235		\$3235 to \$3240		\$3240 to \$3245		\$3245 to \$3250		\$3250 to \$3255		\$3255 to \$3260		\$3260 to \$3265		\$3265 to \$3270		\$3270 to \$3275		\$3275 to \$3280		\$3280 to \$3285		\$3285 to \$3290		\$3290 to \$3295		\$3295 to \$3300		\$3300 to \$3305		\$3305 to \$3310		\$3310 to \$3315		\$3315 to \$3320		\$3320 to \$3325		\$3325 to \$3330		\$3330 to \$3335		\$3335 to \$3340		\$3340 to \$3345		\$3345 to \$3350		\$3350 to \$3355		\$3355 to \$3360		\$3360 to \$3365		\$3365 to \$3370		\$3370 to \$3375		\$3375 to \$3380		\$3380 to \$3385		\$3385 to \$3390		\$3390 to \$3395		\$3395 to \$3400		\$3400 to \$3405		\$3405 to \$3410		\$3410 to \$3415		\$3415 to \$3420		\$3420 to \$3425		\$3425 to \$3430		\$3430 to \$3435		\$3435 to \$3440		\$3440 to \$3445		\$3445 to \$3450		\$3450 to \$3455		\$3455 to \$3460		\$3460 to \$3465		\$3465 to \$3470		\$3470 to \$3475		\$3475 to \$3480		\$3480 to \$3485		\$3485 to \$3490		\$3490 to \$3495		\$3495 to \$35	

Boots and Shoes, Rubber.	12,445	-	-	19	51	177	353	374	561	554	330	1,065	1,453	1,083	1,083	1,385	1,155	364	948	287
Adults (18 years of age and over):																				
Males,	7,104	-	-	-	6	22	13	44	64	119	156	294	417	516	602	1,015	1,066	378	929	331
Females,	4,628	-	-	6	11	60	103	198	349	348	600	724	809	557	394	301	93	54	16	5
Young persons (under 18 years of age),	813	-	-	13	34	95	122	132	148	87	64	47	27	20	7	9	2	2	3	1
Bones, Cigar.	172	-	-	-	2	8	17	22	31	16	7	2	5	2	8	13	25	5	3	2
Adults (18 years of age and over):																				
Males,	79	-	-	-	-	-	8	3	-	4	2	1	3	1	7	16	24	5	3	2
Females,	84	-	-	-	1	4	7	17	31	11	6	1	2	1	1	2	1	-	-	-
Young persons (under 18 years of age),	9	-	-	-	1	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Bones, Fancy and Paper.	5,190	-	-	5	102	269	528	477	510	460	329	398	281	215	263	363	249	116	77	75
Adults (18 years of age and over):																				
Males,	1,691	-	-	1	1	9	14	22	56	75	72	135	142	149	303	316	231	114	76	75
Females,	2,681	-	-	1	26	86	247	353	402	382	244	255	133	63	59	37	18	1	1	-
Young persons (under 18 years of age),	818	-	-	4	75	172	252	82	82	23	13	8	6	3	1	-	-	1	-	-
Bones, Wooden Packing.	3,960	-	-	4	20	21	41	70	163	215	138	435	511	373	474	602	401	170	93	67
Adults (18 years of age and over):																				
Males,	3,489	-	-	-	-	3	10	30	92	155	156	440	480	349	464	587	394	170	92	66
Females,	253	-	-	2	5	12	23	23	33	23	27	36	26	20	8	14	4	-	1	1
Young persons (under 18 years of age),	213	-	-	4	18	16	26	23	36	37	3	9	5	4	2	1	3	-	-	-
Brass, Bronze, and Copper Products.	2,839	-	-	2	3	11	12	19	21	27	225	503	435	184	309	310	256	136	143	296
Adults (18 years of age and over):																				
Males,	2,804	-	-	-	-	2	1	2	8	17	218	496	432	184	305	310	256	136	143	296
Females,	46	-	-	-	-	4	8	8	4	8	6	3	1	-	4	-	-	-	-	-
Young persons (under 18 years of age),	39	-	-	2	3	5	3	9	9	2	1	5	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage Ear- ners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																	
		Under \$3		\$3 but under \$4		\$4 but under \$5		\$5 but under \$6		\$6 but under \$7		\$7 but under \$8		\$8 but under \$9		\$9 but under \$10		\$10 but under \$11	
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25
Bread and Other Bakery Products.	7,779	-	3	13	73	97	268	348	380	313	311	398	370	483	386	1,001	1,085	835	644
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	6,270	-	-	1	9	10	13	26	65	115	112	322	315	437	309	987	1,023	833	643
Females,	1,004	-	-	-	20	22	116	227	214	100	75	63	40	26	16	13	2	-	1
Young persons (under 18 years of age),	496	-	3	12	44	65	159	89	41	38	24	13	6	-	1	1	-	-	-
Brick and Tile.	1,590	-	-	-	5	20	39	31	33	16	9	110	136	106	106	457	333	119	33
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	1,483	-	-	-	-	3	2	2	16	11	9	110	125	106	165	437	322	119	23
Females,	58	-	-	-	5	13	23	10	5	-	-	-	1	-	1	-	-	-	-
Young persons (under 18 years of age),	49	-	-	-	-	4	14	9	17	5	-	-	-	-	-	-	-	-	-
Brooms.	146	-	-	-	-	14	9	14	12	10	5	18	10	6	13	10	13	6	1
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	106	-	-	-	-	1	1	7	7	8	4	16	10	6	13	10	13	6	1
Females,	22	-	-	-	-	3	5	5	5	2	1	1	-	-	-	-	-	-	-
Young persons (under 18 years of age),	16	-	-	-	-	10	3	2	-	-	-	1	-	-	-	-	-	-	-
Brushes.	1,003	-	3	43	39	137	133	403	115	103	103	216	147	23	23	97	83	67	34
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	835	-	-	-	-	-	2	9	27	54	43	168	124	73	64	80	77	65	34
Females,	333	-	-	-	19	22	78	143	325	53	49	39	23	15	24	17	6	2	2
Young persons (under 18 years of age),	133	-	-	3	23	16	47	30	41	8	6	9	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25	\$35 and over	
		Un- der \$3	but under \$4	but under \$5	but under \$6	but under \$7	but under \$8	but under \$9	but under \$10	but under \$11	but under \$12	but under \$13	but under \$14	but under \$15	but under \$16	but under \$18	but under \$20	but under \$22	but under \$25	but under \$35	
Carriages and Sleds, Children's. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	1,470	-	3	17	14	16	22	42	46	75	45	135	207	108	200	145	141	184	53	17	
	1,211	-	-	-	3	2	3	11	19	47	25	96	193	95	182	141	141	183	53	17	
	157	-	3	2	3	5	10	22	15	22	14	17	12	12	16	3	-	1	-	-	
	102	-	-	15	8	9	9	9	12	6	6	22	2	1	2	1	-	-	-	-	
Carriages and Wagons, and Materials. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	1,023	-	1	5	4	4	6	4	14	15	16	70	71	45	120	164	224	144	91	29	
	1,015	-	-	1	3	1	5	4	13	15	16	69	71	45	120	164	224	144	91	29	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	8	-	1	-	2	3	-	-	1	-	-	1	-	-	-	-	-	-	-	-	
Cars and General Shop Construction and Repairs by Steam Railroad Companies. Adults (18 years of age and over): Males, Females, Young persons (under 18 years of age),	6,583	-	-	2	-	-	7	10	62	202	138	374	82	180	663	1,172	1,275	1,245	782	638	
	6,532	-	-	-	-	-	5	3	56	98	119	347	80	179	663	1,143	1,275	1,244	782	638	
	38	-	-	-	-	-	-	-	-	19	16	2	1	-	-	-	-	-	-	-	
	163	-	-	2	-	-	2	7	6	85	3	25	1	1	-	20	1	1	-	-	

Chemicals.		1	3	22	50	86	15	106	36	166	184	103	204	449	390	410	311	400
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	2,660	-	-	6	28	12	7	12	5	147	101	94	197	443	388	410	311	400
Females,	152	-	-	2	9	7	7	62	17	13	18	6	6	3	2	-	-	-
Young persons (under 18 years of age),	102	1	3	14	13	7	1	31	14	6	5	3	1	3	-	-	-	-
Cleansing and Polishing Preparations.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adults (18 years of age and over):		-	6	1	1	3	3	4	3	9	7	6	9	3	4	3	6	1
Males,	48	-	-	-	-	1	-	3	2	8	6	6	8	2	4	2	6	1
Females,	8	-	1	-	-	1	2	1	-	1	1	-	1	-	-	-	-	-
Young persons (under 18 years of age),	7	-	4	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Cloth, Sponging and Refinishing.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adults (18 years of age and over):		-	3	-	1	1	1	9	-	7	4	5	7	9	6	2	2	2
Males,	55	-	-	-	-	1	1	9	-	7	4	5	7	9	6	2	2	2
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	3	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Clothing, Men's.		-	7	106	316	522	545	607	443	511	345	249	438	513	537	446	449	823
Adults (18 years of age and over):		-	7	33	316	522	545	607	443	511	345	249	438	513	537	446	449	823
Males,	3,396	-	1	4	7	15	31	51	66	132	104	169	266	409	452	417	425	817
Females,	3,469	7	20	134	253	477	499	443	374	378	240	180	161	103	55	29	24	11
Young persons (under 18 years of age),	226	-	11	72	56	30	15	13	2	1	1	-	1	-	-	-	-	-
Clothing, Men's, Buttonholes.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Females,	4	-	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	3	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Total Num-ber of Wage Earn-ers	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																				
		Under \$3		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25	\$35
		but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under	under	but under
Clothing, Women's.	7,144	-	20	65	165	345	532	755	749	801	441	580	337	313	311	261	329	274	235	631		
Adults (18 years of age and over):																						
Males,	1,615	-	-	1	2	9	7	13	23	41	21	44	31	55	93	91	212	200	186	536		
Females,	5,280	-	15	48	121	257	469	715	717	754	417	533	305	258	218	169	117	74	48	46		
Young persons (under 18 years of age),	249	-	5	16	42	79	56	27	9	6	3	3	1	-	-	1	-	-	1	-		
Coffee and Spice, Roasting and Grinding.	530	-	-	-	1	18	61	52	80	18	11	22	13	21	54	64	56	30	15	14		
Adults (18 years of age and over):																						
Males,	305	-	-	-	-	-	1	4	6	6	5	20	11	20	53	64	56	30	15	14		
Females,	208	-	-	-	-	12	56	44	73	12	6	2	1	1	1	-	-	-	-	-		
Young persons (under 18 years of age),	17	-	-	-	1	6	4	4	1	-	-	-	1	-	-	-	-	-	-	-		
Coffins, Burial Cases, and Under-takers' Goods.	348	-	-	-	1	12	11	13	13	12	16	29	31	33	42	52	33	21	13	11		
Adults (18 years of age and over):																						
Males,	283	-	-	-	1	7	2	2	-	3	8	23	31	38	40	51	33	21	12	11		
Females,	42	-	-	-	-	5	4	8	8	5	5	3	-	-	2	1	-	-	1	-		
Young persons (under 18 years of age),	23	-	-	-	-	-	5	3	5	4	3	3	-	-	-	-	-	-	-	-		

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage Earn- ers	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22
		Un- der \$3	but under \$4	but under \$5	but under \$6	but under \$7	but under \$8	but under \$9	but under \$10	but under \$11	but under \$12	but under \$13	but under \$14	but under \$15	but under \$16	but under \$17	but under \$18	but under \$19	but under \$20	but under \$21	but under \$22
Cordage and Twine, and Jute Goods.																					
Adults (18 years of age and over):	6,210	-	3	16	49	85	177	455	213	407	591	1,972	351	281	353	451	242	225	148	231	48
Males,	3,077	-	-	-	1	2	1	13	13	71	124	1,332	120	151	193	262	200	217	146	231	-
Females,	2,157	-	-	-	5	24	65	92	56	210	402	611	200	125	136	179	42	8	2	-	-
Young persons (under 18 years of age),	976	-	3	16	43	59	111	350	144	126	65	29	11	5	4	10	-	-	-	-	-
Corsets.																					
Adults (18 years of age and over):	2,002	-	1	4	57	93	132	229	291	266	274	200	154	88	57	50	41	23	30	48	48
Males,	243	-	-	-	-	1	2	2	5	8	9	17	10	18	23	19	37	21	29	42	42
Females,	1,439	-	-	-	22	29	67	149	234	246	261	179	113	68	34	30	4	2	1	-	-
Young persons (under 18 years of age),	320	-	1	4	35	63	63	78	52	12	4	4	1	2	-	1	-	-	-	-	-
Cotton Goods.																					
Adults (18 years of age and over):	124,546	5	25	197	793	1,759	2,944	5,212	7,008	9,478	11,355	14,022	12,102	12,795	9,920	12,822	8,677	6,274	5,289	3,805	3,805
Males,	60,489	-	-	16	52	134	369	894	1,657	2,841	4,257	6,006	5,497	5,765	4,874	7,503	6,673	5,401	4,978	3,572	3,572
Females,	50,646	-	6	17	127	330	878	2,227	3,444	5,000	5,727	6,944	6,051	6,656	4,834	5,242	1,988	863	310	32	32
Young persons (under 18 years of age),	13,211	5	19	164	614	1,295	1,997	2,091	1,907	1,631	1,351	1,132	554	344	212	137	46	10	1	1	1
Cotton Small Wares.																					
Adults (18 years of age and over):	1,577	-	-	8	68	108	150	177	177	140	82	136	115	73	94	72	64	42	26	45	45
Males,	545	-	-	-	6	1	10	7	19	22	22	48	81	51	68	53	52	39	22	44	44
Females,	828	-	-	2	31	57	89	143	139	113	56	86	29	22	25	16	12	3	4	1	1
Young persons (under 18 years of age),	204	-	6	31	50	51	27	19	19	5	4	2	5	-	1	3	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1917 — Continued.

Industries and Sex.	Total Num- ber of Wage Earn- ers	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																	
		\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 and over	
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	
Electroplating.	295	-	1	3	6	9	7	10	16	6	13	21	11	26	30	49	30	42	15
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	250	-	-	-	1	1	-	2	8	5	12	19	11	25	30	49	30	42	15
Females,	23	-	-	-	2	3	2	5	8	-	1	1	-	1	-	-	-	-	-
Young persons (under 18 years of age),	22	-	1	3	3	5	5	3	-	1	-	1	-	-	-	-	-	-	-
Enameling and Japanning.	194	-	2	4	4	17	8	12	30	19	6	15	12	6	16	13	6	2	9
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	99	-	-	-	-	-	-	1	4	11	3	11	9	5	14	12	6	2	9
Females,	70	-	1	-	4	5	5	7	25	8	3	4	3	1	2	1	-	-	-
Young persons (under 18 years of age),	25	-	1	4	-	12	3	4	1	-	-	-	-	-	-	-	-	-	-
Engraving and Diesinking.	184	-	2	4	8	9	6	6	3	9	-	2	1	3	9	11	19	22	61
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	148	-	-	-	2	2	3	1	4	-	2	1	2	9	9	11	19	22	61
Females,	10	-	-	1	3	1	1	-	4	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	26	-	2	4	7	4	3	2	2	1	-	-	1	-	-	-	-	-	-
Engraving, Steel and Copper Plate.	443	-	-	17	47	81	34	19	19	6	14	8	6	9	10	21	25	33	99
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	230	-	-	2	1	8	3	2	7	2	7	3	4	7	8	20	24	33	99
Females,	148	-	-	4	21	45	31	16	12	4	7	-	2	2	2	1	1	-	-
Young persons (under 18 years of age),	65	-	-	11	25	28	-	1	-	-	-	-	-	-	-	-	-	-	-

2,922	-	-	-	-	-	6	119	122	214	274	245	208	168	153	91	70	129	115	28	84	91
Envelopes.																					
Adults (18 years of age and over):																					
Males,	749	-	-	-	-	-	-	3	6	15	19	22	43	74	38	51	107	110	87	84	90
Females,	1,209	-	-	-	-	-	51	102	104	225	207	174	124	64	52	18	21	5	1	-	1
Young persons (under 18 years of age),	264	-	-	-	-	6	68	77	44	34	19	12	1	-	1	1	1	-	-	-	-
1,908	-	26	31	69	336	154	154	202	208	208	208	208	208	208	208	208	208	208	208	208	208
Fancy Articles, not elsewhere Specified.																					
Adults (18 years of age and over):																					
Males,	656	-	-	-	-	-	-	4	21	18	27	34	51	24	29	83	52	60	64	62	101
Females,	873	-	-	-	-	2	20	151	98	75	152	59	37	62	40	44	55	5	4	1	2
Young persons (under 18 years of age),	469	-	26	29	49	241	35	31	24	9	9	9	6	6	4	-	-	-	-	-	-
1,317	-	-	1	-	9	19	33	90	90	90	90	90	90	90	90	90	90	90	90	90	90
Felt Goods.																					
Adults (18 years of age and over):																					
Males,	1,031	-	-	-	-	-	-	-	5	24	7	145	151	134	91	104	159	75	84	74	58
Females,	177	-	1	-	6	9	19	52	9	12	4	12	4	12	17	12	8	9	2	2	3
Young persons (under 18 years of age),	59	-	-	-	3	10	9	14	4	8	7	1	1	1	1	1	-	-	1	-	-
163	-	-	-	9	3	14	16	9	13	14	14	14	14	14	14	14	14	14	14	14	14
Flavoring Extracts.																					
Adults (18 years of age and over):																					
Males,	44	-	-	1	-	-	-	1	3	5	3	4	2	2	3	7	3	7	4	-	1
Females,	68	-	-	-	1	14	15	6	7	11	2	10	-	-	-	-	2	-	-	-	-
Young persons (under 18 years of age),	11	-	-	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
147	-	-	-	-	-	-	-	-	-	1	4	-	18	22	7	23	17	23	11	4	2
Flour-Mill and Gristmill Products.																					
Adults (18 years of age and over):																					
Males,	147	-	-	-	-	-	-	-	-	1	4	-	18	22	7	23	17	23	11	4	2
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage Ear- ners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																							
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25	\$30	\$35	\$40	\$45	\$50	\$55
		Un- der \$3	but under \$4	but under \$5	but under \$6	but under \$7	but under \$8	but under \$9	but under \$10	but under \$11	but under \$12	but under \$13	but under \$14	but under \$15	but under \$16	but under \$18	but under \$20	but under \$22	but under \$25	but under \$30	but under \$35	but under \$40	but under \$45	but under \$50	but under \$55
Food Preparations.	843	-	9	8	36	56	56	59	59	18	78	89	66	84	95	99	84	38	37						
Adults (18 years of age and over):																									
Males,	593	-	-	-	1	2	10	5	37	9	63	29	54	80	95	99	34	38	37						
Females,	210	-	8	6	29	45	43	42	18	1	13	-	1	4	-	-	-	-	-						
Young persons (under 18 years of age),	40	-	1	2	5	9	3	12	4	2	2	-	-	-	-	-	-	-	-						
Foundry and Machine-Shop Products.	73,622	-	93	164	336	537	662	1,589	1,622	1,795	3,721	4,697	4,500	7,223	10,416	9,886	7,387	8,994	10,854						
Adults (18 years of age and over):																									
Males,	68,924	-	17	37	71	166	233	446	886	1,260	3,375	4,402	4,372	7,104	10,322	9,839	7,342	8,290	10,832						
Females,	2,351	-	2	8	14	21	114	155	738	452	229	169	115	67	68	65	46	41	27	20					
Young persons (under 18 years of age),	2,327	-	5	68	103	243	257	294	405	304	237	177	110	61	51	28	11	4	7	2					
Fur Goods.	262	-	-	1	4	5	13	8	10	6	19	3	30	7	25	23	21	29	59						
Adults (18 years of age and over):																									
Males,	112	-	-	-	-	1	1	-	-	-	-	-	4	-	4	8	16	20	53						
Females,	139	-	-	1	2	3	8	5	9	6	19	3	26	7	21	14	5	9	1						
Young persons (under 18 years of age),	11	-	-	-	2	1	4	3	1	-	-	-	-	-	-	-	-	-	-						
Furnishing Goods, Men's.	498	1	3	10	9	26	48	56	48	43	41	48	21	19	21	27	22	13	13						
Adults (18 years of age and over):																									
Males,	90	-	-	-	1	3	-	3	3	2	9	7	8	5	4	18	11	8	11						
Females,	314	-	3	4	4	14	26	47	35	23	35	19	13	12	13	9	10	8	2						
Young persons (under 18 years of age),	94	1	6	5	13	13	9	10	12	12	4	2	-	2	4	-	-	1	-						

	7,680	7	13	83	100	146	163	848	355	399	404	736	808	547	766	839	647	376	574	347
Furniture.																				
Adults (18 years of age and over):																				
Males,	6,264	-	-	3	11	16	33	154	132	245	290	630	750	492	734	829	644	371	574	347
Females,	889	-	3	4	34	54	66	127	155	120	102	92	37	51	29	9	2	5	-	-
Young persons (under 18 years of age),	427	7	10	26	55	76	65	61	48	34	12	14	10	4	3	1	1	-	-	-
Galvanizing.																				
Adults (18 years of age and over):	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	4	2
Males,	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	4	2
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gas and Electric Fixtures.																				
Adults (18 years of age and over):	186	-	-	-	-	5	3	2	6	9	6	6	7	7	2	4	16	16	18	24
Males,	100	-	-	-	-	1	1	1	-	3	2	3	7	7	2	4	16	16	13	24
Females,	8	-	-	-	-	1	-	-	6	1	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	18	-	-	-	-	3	2	1	-	5	4	3	-	-	-	-	-	-	-	-
Gas, Illuminating and Heating.																				
Adults (18 years of age and over):	2,453	-	-	-	-	4	1	10	63	45	41	73	290	68	332	406	495	318	239	119
Males,	2,450	-	-	-	-	3	1	9	18	44	41	73	290	62	332	406	495	318	239	119
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	8	-	-	-	-	1	-	1	5	1	-	-	-	-	-	-	-	-	-	-
Glass, Cutting, Staining, and Ornamenting.																				
Adults (18 years of age and over):	205	-	-	1	6	9	3	8	8	5	1	14	1	6	25	23	26	14	11	16
Males,	170	-	-	-	-	-	-	1	3	4	1	13	1	6	23	22	56	14	11	16
Females,	11	-	-	-	-	2	-	2	5	1	-	1	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	24	-	-	1	6	7	3	5	-	-	-	-	-	-	2	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage Ear- ners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																				\$25 and Over
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25			
Glue.	815	-	-	-	-	7	22	22	33	54	12	21	20	31	179	296	60	35	15	8		
Adults (18 years of age and over):																						
Males,	656	-	-	-	-	-	2	1	-	3	3	6	20	31	179	293	60	35	15	8		
Females,	145	-	-	-	-	6	20	15	32	47	9	13	-	-	-	3	-	-	-	-		
Young persons (under 18 years of age),	14	-	-	-	-	1	-	6	1	4	-	2	-	-	-	-	-	-	-	-		
Gold and Silver, Leaf and Foil.	154	-	-	2	3	10	12	19	18	11	7	8	4	1	4	8	4	5	6	32		
Adults (18 years of age and over):																						
Males,	63	-	-	-	-	-	-	1	-	1	1	3	1	1	2	7	3	5	6	33		
Females,	78	-	-	2	3	6	10	14	17	8	6	5	3	-	2	1	1	-	-	-		
Young persons (under 18 years of age),	13	-	-	-	-	4	2	4	1	2	-	-	-	-	-	-	-	-	-	-		
Gold and Silver, Reducing and Refining, not from the Ore.	18	-	-	-	-	-	-	-	-	-	1	-	-	-	3	7	5	-	-	2		
Adults (18 years of age and over):																						
Males,	17	-	-	-	-	-	-	-	-	-	-	-	-	-	3	7	5	-	-	-		
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Young persons (under 18 years of age),	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-		
Grease and Tallow.	680	-	-	1	-	1	-	6	4	5	2	22	58	40	164	163	117	60	19	18		
Adults (18 years of age and over):																						
Males,	668	-	-	-	-	-	-	2	1	4	2	21	57	40	164	163	117	60	19	18		
Females,	4	-	-	-	-	1	-	1	1	1	-	1	-	-	-	-	-	-	-	-		
Young persons (under 18 years of age),	8	-	1	-	-	-	3	3	2	1	-	-	1	-	-	-	-	-	-	-		

Hand Stamps and Stencils and Brands.	132	-	2	-	3	3	31	6	8	16	3	6	3	4	7	8	18	9	16	11
Adults (18 years of age and over):																				
Males,	101	-	-	-	-	2	10	-	7	9	1	5	3	4	7	8	12	6	16	11
Females,	15	-	-	-	-	-	6	2	1	4	2	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	16	-	2	-	3	1	5	3	-	2	-	-	-	-	-	-	-	-	-	-
Hardware.	1,446	-	-	3	11	27	27	89	68	69	63	121	81	64	97	132	137	158	230	36
Adults (18 years of age and over):																				
Males,	1,196	-	-	-	1	1	2	22	30	44	32	112	72	57	91	129	136	151	230	36
Females,	160	-	-	-	4	8	5	58	31	20	13	6	6	2	5	1	1	-	-	-
Young persons (under 18 years of age),	90	-	-	3	6	18	20	9	7	5	7	3	3	5	1	2	-	1	-	-
Hats and Caps, other than Felt, Straw, and Wool.	364	-	1	-	5	10	11	19	20	32	13	15	9	9	25	20	37	34	64	40
Adults (18 years of age and over):																				
Males,	229	-	-	-	-	3	1	4	4	2	1	4	2	5	20	18	37	34	54	40
Females,	109	-	-	-	2	3	6	15	15	26	12	10	7	4	5	2	-	-	-	-
Young persons (under 18 years of age),	16	-	1	-	3	4	4	-	1	2	-	1	-	-	-	-	-	-	-	-
Hats, Fur-Felt.	944	-	4	6	9	49	35	67	108	70	81	92	66	64	65	50	96	35	28	67
Adults (18 years of age and over):																				
Males,	578	-	-	1	-	20	14	23	51	33	44	53	33	41	48	40	53	32	28	65
Females,	321	-	2	1	2	10	18	32	48	36	36	37	31	22	17	10	14	3	-	2
Young persons (under 18 years of age),	45	-	2	3	7	19	3	2	3	1	1	2	1	1	-	-	-	-	-	-
Hats, Straw.	3,136	-	3	5	23	43	71	74	215	209	196	272	222	264	354	351	344	225	113	163
Adults (18 years of age and over):																				
Males,	1,010	-	-	-	-	2	2	3	8	61	47	109	72	73	170	105	128	80	38	112
Females,	2,055	-	3	4	17	32	58	64	191	136	148	161	149	190	164	226	216	145	75	76
Young persons (under 18 years of age),	71	-	-	1	5	14	11	7	16	12	1	2	1	1	-	-	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage Earn- ers	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Un- der \$3	\$3 \$4	\$4 \$5	\$5 \$6	\$6 \$7	\$7 \$8	\$8 \$9	\$9 \$10	\$10 \$11	\$11 \$12	\$12 \$13	\$13 \$14	\$14 \$15	\$15 \$16	\$16 \$18	\$18 \$20	\$20 \$22	\$22 \$25	\$25 and Over	
		Un- der \$3	\$3 \$4	\$4 \$5	\$5 \$6	\$6 \$7	\$7 \$8	\$8 \$9	\$9 \$10	\$10 \$11	\$11 \$12	\$12 \$13	\$13 \$14	\$14 \$15	\$15 \$16	\$16 \$18	\$18 \$20	\$20 \$22	\$22 \$25	\$25 and Over	
Hosiery and Knit Goods.	13,448	3	24	89	232	388	491	697	903	1,053	1,156	1,207	1,312	1,274	918	1,245	1,047	522	411	476	
Adults (18 years of age and over):																					
Males,	3,328	-	-	-	5	6	9	18	57	46	82	161	343	281	251	451	429	333	387	400	
Females,	8,605	-	8	22	89	165	303	485	693	890	967	965	856	940	629	770	605	187	24	7	
Young persons (under 18 years of age),	1,515	3	16	67	138	217	179	194	153	117	107	81	113	53	38	24	13	2	-	-	
House-Furnishing Goods, not elsewhere Specified.																					
Adults (18 years of age and over):	470	-	-	3	39	45	43	26	25	23	44	74	11	20	21	39	15	11	13	13	
Males,	225	-	-	-	1	-	3	1	6	6	33	58	7	12	10	36	15	11	13	13	
Females,	173	-	-	-	1	34	35	18	19	19	11	11	4	8	10	3	-	-	-	-	
Young persons (under 18 years of age),	72	-	-	3	37	11	5	7	-	3	-	5	-	-	1	-	-	-	-	-	
Ice, Manufactured.																					
Adults (18 years of age and over):	57	-	-	-	-	-	-	-	-	-	-	-	-	1	1	5	17	15	5	5	
Males,	57	-	-	-	-	-	-	-	-	-	-	-	-	1	1	5	17	15	5	5	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Under \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over	
Jewelry.	6,444	-	10	57	77	196	253	506	479	467	450	367	355	280	409	690	532	377	632		
Adults (18 years of age and over):																					
Males,	3,925	-	-	1	1	16	27	57	87	116	166	164	246	208	364	670	519	380	374	520	
Females,	2,021	-	-	4	30	83	153	322	339	332	276	188	132	68	45	18	13	3	3	12	
Young persons (under 18 years of age),	498	-	10	23	46	97	78	127	53	19	8	15	7	4	-	2	-	-	-	-	
Jewelry and Instrument Cases.	696	-	-	1	7	26	50	225	106	43	73	25	16	23	26	20	19	10	13	8	
Adults (18 years of age and over):																					
Males,	165	-	-	-	1	1	2	4	3	8	5	17	10	21	25	19	18	10	13	8	
Females,	438	-	-	1	4	16	33	173	99	34	60	8	6	1	1	1	1	-	-	-	
Young persons (under 18 years of age),	92	-	-	-	2	9	15	48	4	6	8	-	-	-	-	-	-	-	-	-	
Labels and Tags.	45	-	-	-	-	2	10	3	8	1	1	-	1	1	2	3	3	4	2	2	
Adults (18 years of age and over):																					
Males,	18	-	-	-	-	1	-	-	1	-	1	-	-	-	2	2	3	2	4	2	
Females,	16	-	-	-	-	-	5	3	4	1	-	-	1	1	-	1	-	-	-	-	
Young persons (under 18 years of age),	9	-	-	-	-	1	5	-	3	-	-	-	-	-	-	-	-	-	-	-	
Lamps and Reflectors.	396	-	1	-	-	-	6	4	42	14	9	24	37	34	31	36	37	37	43	41	
Adults (18 years of age and over):																					
Males,	323	-	-	-	-	-	-	1	5	7	5	20	33	33	31	31	37	36	43	41	
Females,	42	-	-	-	-	-	5	3	23	3	4	1	3	-	-	-	-	1	-	-	
Young persons (under 18 years of age),	31	-	1	-	-	-	1	-	14	4	-	3	2	1	-	5	-	-	-	-	

	1,321	-	1	-	4	80	81	85	85	84	86	116	86	151	184	144	148	118	907
Leads.																			
Adults (18 years of age and over):																			
Males,	1,303	-	-	-	-	1	2	9	14	23	86	112	86	129	131	144	148	117	206
Females,	40	-	-	-	-	10	5	7	7	4	-	-	-	1	2	-	-	1	1
Young persons (under 18 years of age),	78	-	1	-	4	10	14	9	14	7	-	4	-	2	1	-	-	-	-
Leather Goods, not elsewhere Specified.																			
Adults (18 years of age and over):																			
Males,	332	-	-	-	-	6	7	10	13	17	28	41	28	33	33	40	18	15	36
Females,	273	-	-	-	3	9	30	41	59	33	7	4	7	8	4	1	2	7	3
Young persons (under 18 years of age),	67	-	-	-	2	21	10	1	3	-	-	2	-	2	-	-	-	-	-
Leather, Tanned, Curried, and Finished.																			
Adults (18 years of age and over):	14,880	-	3	7	13	130	100	305	395	563	1,598	1,335	1,583	1,793	2,100	2,125	887	690	1,133
Males,	13,963	-	-	-	5	8	17	106	243	373	1,191	1,296	1,517	1,768	2,096	2,125	887	690	1,133
Females,	637	-	-	-	3	6	58	154	129	164	33	27	3	4	4	3	-	-	-
Young persons (under 18 years of age),	230	-	3	4	7	43	25	45	28	31	29	12	4	2	1	-	-	-	-
Lime.																			
Adults (18 years of age and over):	480	-	-	-	2	-	2	2	1	4	22	35	22	33	159	65	30	15	21
Males,	480	-	-	-	2	-	2	2	1	4	22	35	22	33	159	65	30	15	21
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Linen Goods.																			
Adults (18 years of age and over):	1,657	-	-	-	4	10	104	153	224	176	170	164	170	96	105	65	26	52	49
Males,	654	-	-	-	-	-	1	17	13	20	99	34	99	59	65	140	61	35	49
Females,	695	-	-	-	-	1	8	70	130	108	57	97	57	35	39	20	4	1	2
Young persons (under 18 years of age),	368	-	-	-	4	9	95	46	91	43	14	23	14	2	1	2	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		\$3 but under \$4		\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$17	\$17 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and over	
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$20	\$22	\$25	
Military and Lace Goods.	2,119	-	1	57	58	141	203	211	239	216	163	151	90	88	119	73	114	62	53	80	
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Males,	312	-	-	1	-	8	3	4	6	13	9	39	17	11	43	18	63	22	15	41	
Females,	1,589	-	-	5	11	96	157	188	222	198	151	111	73	77	77	55	51	40	38	39	
Young persons (under 18 years of age),	218	-	1	51	47	37	43	19	11	5	3	1	-	-	-	-	-	-	-	-	
Mineral and Soda Waters.	802	-	-	4	11	15	12	24	46	53	9	37	61	58	139	145	63	37	23	16	
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Males,	714	-	-	1	6	2	2	8	26	40	8	83	61	58	138	143	62	37	23	16	
Females,	17	-	-	-	2	3	2	1	3	3	1	1	-	-	1	-	-	-	-	-	
Young persons (under 18 years of age),	71	-	-	3	3	10	8	15	17	10	-	3	-	-	2	-	-	-	-	-	
Minerals and Earths, Ground.	157	-	-	-	-	-	2	2	-	-	2	15	3	1	23	54	19	5	4	8	
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	2	11	3	1	21	53	19	5	4	8	
Males,	127	-	-	-	-	-	-	-	-	-	-	4	-	-	1	-	-	-	-	-	
Females,	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	5	-	-	-	-	-	2	2	-	-	-	-	-	-	1	-	-	-	-	-	
Mirrors.	115	-	-	-	-	-	10	6	3	4	2	5	6	7	12	20	15	15	8	1	
Adults (18 years of age and over):		-	-	-	-	-	-	1	1	4	2	5	8	7	12	20	15	15	8	1	
Males,	99	-	-	-	-	-	-	-	1	4	2	5	8	7	12	20	15	15	8	1	
Females,	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	15	-	-	-	-	-	10	4	1	-	-	-	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage Earn- ers	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATER NUMBER																	
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25
		Un- der \$3	but under \$4	but under \$5	but under \$6	but under \$7	but under \$8	but under \$9	but under \$10	but under \$11	but under \$12	but under \$13	but under \$14	but under \$15	but under \$16	but under \$18	but under \$20	but under \$22	and over
Shoddy, Wool.																			
Adults (18 years of age and over):	663	-	-	-	-	2	14	4	14	4	6	77	67	233	126	43	23	17	44
Males,	648	-	-	-	-	-	-	-	7	-	4	76	67	233	126	41	23	17	54
Females,	27	-	-	-	-	2	12	2	6	2	2	-	-	-	-	1	-	-	-
Young persons (under 18 years of age),	8	-	-	-	-	-	2	2	1	2	-	1	-	-	-	-	-	-	-
Show-Cases.																			
Adults (18 years of age and over):	23	-	-	-	-	-	-	-	1	3	3	1	3	8	11	20	20	7	5
Males,	78	-	-	-	-	-	-	-	-	-	3	1	3	8	11	20	20	7	5
Females,	3	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Signs and Advertising Novelties.																			
Adults (18 years of age and over):	476	-	20	27	22	45	60	35	17	12	17	14	8	26	39	37	30	29	33
Males,	243	-	-	-	1	2	5	3	4	4	11	14	5	24	33	35	30	29	33
Females,	183	-	-	1	14	35	49	32	12	7	6	-	3	1	1	2	-	-	-
Young persons (under 18 years of age),	69	-	20	26	7	8	6	-	1	1	-	-	-	-	-	-	-	-	-
Silk and Silk Goods, including Throwsters.																			
Adults (18 years of age and over):	4,445	-	41	103	144	207	264	235	266	236	436	✓	408	378	400	264	154	140	65
Males,	1,301	-	-	-	4	10	25	12	50	49	97	144	117	117	216	132	119	123	60
Females,	2,277	-	2	12	29	106	168	190	232	242	307	347	278	258	272	113	15	12	5
Young persons (under 18 years of age),	667	-	30	91	111	91	71	83	74	44	32	15	7	3	2	-	-	-	-

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage Earn- ers	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		Un- der \$3	\$3 but under \$4	\$4 but under \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 and Over
Stationary Goods, not elsewhere Specified.																				
Adults (18 years of age and over):	2,790	-	1	12	48	112	379	413	274	255	137	232	135	168	104	121	157	113	61	78
Males,	1,072	-	-	-	4	4	11	17	26	68	54	122	88	116	72	89	153	110	60	78
Females,	1,318	-	-	4	19	42	103	334	209	173	81	106	44	42	32	32	4	2	1	-
Young persons (under 18 years of age),	400	-	1	8	25	66	175	62	39	14	2	4	3	-	-	-	-	1	-	-
Statuary and Art Goods.																				
Adults (18 years of age and over):	97	-	-	-	1	-	1	-	-	3	4	14	4	11	13	3	7	12	8	16
Males,	95	-	-	-	-	-	-	-	-	3	4	14	4	11	13	3	7	12	8	16
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	2	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Steam Fittings and Steam and Hot-Water Heating Apparatus.																				
Adults (18 years of age and over):	4,644	-	-	9	5	21	46	111	134	156	160	315	373	412	486	749	674	387	355	261
Males,	4,270	-	-	-	-	4	3	24	52	110	118	289	365	406	484	749	674	386	325	261
Females,	245	-	-	1	-	4	24	57	69	26	39	14	6	3	1	-	-	1	-	-
Young persons (under 18 years of age),	129	-	-	8	5	13	19	30	13	20	3	12	2	3	1	-	-	-	-	-
Steam Packing.																				
Adults (18 years of age and over):	85	-	-	-	-	-	2	-	2	8	4	8	8	6	13	2	12	13	6	1
Males,	78	-	-	-	-	-	1	-	-	4	4	8	8	6	13	2	12	13	6	1
Females,	3	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	4	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-	-	-	-

Stenoctyping and Electrotyping.	489	-	-	-	10	13	8	12	7	10	6	28	29	40	96	40	40	37	66	98
Adults (18 years of age and over):																				
Males,	347	-	-	1	3	2	3	2	4	2	18	16	22	15	29	36	35	81	98	
Females,	92	-	-	-	1	1	4	5	5	4	9	13	18	11	11	4	2	4	-	
Young persons (under 18 years of age),	30	-	-	9	9	5	5	-	1	-	1	-	-	-	-	-	-	-	-	
Stoves and Hot-Air Furnaces, not including Gas and Oil Stoves.	1,504	-	6	-	9	7	4	15	30	5	64	107	68	133	118	170	187	108	540	
Adults (18 years of age and over):																				
Males,	1,475	-	1	-	1	2	2	11	26	5	64	107	62	132	118	169	127	108	540	
Females,	5	-	-	-	-	2	1	1	1	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	24	-	4	-	8	3	1	3	3	-	-	-	-	1	-	1	-	-	-	
Structural Iron Work, not made in Steel Works or Rolling Mills.	2,212	-	1	1	1	15	21	24	30	25	40	103	59	171	611	963	209	202	336	
Adults (18 years of age and over):																				
Males,	2,191	-	-	-	-	5	20	22	29	24	40	100	59	171	611	963	209	202	336	
Females,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	21	-	1	1	1	10	1	2	1	1	-	3	-	-	-	-	-	-	-	
Surgical Appliances.	623	-	6	14	21	29	28	78	40	23	39	68	118	17	23	28	26	13	22	
Adults (18 years of age and over):																				
Males,	318	-	1	-	-	-	1	4	11	4	22	54	102	13	22	27	26	12	19	
Females,	230	-	4	12	15	55	37	49	21	18	7	1	1	4	1	1	-	1	3	
Young persons (under 18 years of age),	75	-	-	2	6	4	-	25	8	1	7	7	15	-	-	-	-	-	-	
Suspenders, Garters, and Elastic Woven Goods.	3,305	-	3	28	75	156	150	535	283	270	357	268	183	218	188	176	146	78	26	
Adults (18 years of age and over):																				
Males,	1,081	-	-	1	5	6	4	19	19	36	50	110	67	71	89	140	136	119	74	
Females,	1,915	-	2	8	13	51	80	272	233	264	206	241	184	114	127	48	40	27	4	
Young persons (under 18 years of age),	359	-	1	19	57	79	66	44	31	32	14	6	5	3	2	-	-	-	-	

TABLE V. WAGES — Continued.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1917 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage Earn- ers	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25	\$30	
		Un- der \$3	but under \$4	but under \$5	but under \$6	but under \$7	but under \$8	but under \$9	but under \$10	but under \$11	but under \$12	but under \$13	but under \$14	but under \$15	but under \$16	but under \$18	but under \$20	but under \$22	but under \$25	but under \$30	
Tobacco Manufactures.	3,974	-	6	25	64	87	115	174	249	339	415	493	588	699	827	973	1,124	1,284	1,444	1,604	
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Males,	2,989	-	-	1	8	19	20	29	28	27	32	64	60	108	135	236	338	461	611	761	
Females,	903	-	4	11	31	56	76	139	220	109	83	29	19	11	13	14	29	25	12	23	
Young persons (under 18 years of age),	82	-	2	13	25	12	19	6	1	3	-	-	-	-	1	-	-	-	-	-	
Toys and Games.	1,982	-	2	10	111	133	151	348	403	452	508	563	618	673	728	783	838	893	948	1,003	
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Males,	976	-	-	-	1	1	6	27	29	74	65	120	149	97	117	89	93	44	29	35	
Females,	554	-	3	34	40	66	75	56	64	22	59	13	4	5	4	7	-	1	1	1	
Young persons (under 18 years of age),	452	-	2	7	76	97	79	144	18	14	11	3	1	-	-	-	-	-	-	-	
Trunks and Valises.	517	-	6	9	17	17	16	40	39	49	12	29	31	12	56	56	67	36	14	11	
Adults (18 years of age and over):		-	-	-	-	5	2	9	5	14	1	15	28	8	53	54	63	35	14	11	
Males,	317	-	-	-	-	4	6	25	27	30	10	13	3	4	3	2	4	1	-	-	
Females,	141	-	1	8	4	6	8	6	7	5	1	1	-	-	-	-	-	-	-	-	
Young persons (under 18 years of age),	59	-	6	8	9	8	6	7	5	1	1	-	-	-	-	-	-	-	-	-	
Type Founding and Printing Materials.	106	-	-	-	-	16	7	6	2	4	2	6	3	4	3	8	7	16	10	15	
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Males,	77	-	-	-	-	-	2	-	-	4	2	6	3	4	3	8	7	16	9	13	
Females,	29	-	-	-	-	16	5	5	2	-	-	-	-	-	-	-	-	-	1	-	
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE V. WAGES — Concluded.
CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1917 — Concluded.

INDUSTRIES AND SEX.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
		Under \$3		\$3 but under \$4		\$4 but under \$5		\$5 but under \$6		\$6 but under \$7		\$7 but under \$8		\$8 but under \$9		\$9 but under \$10		\$10 but under \$11		\$11 but under \$12	
		\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17	\$18	\$19	\$20	\$21	\$22
Window and Door Screens.	163	-	-	-	-	-	-	2	5	7	4	17	24	7	41	17	13	-	21	4	3
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	161	-	-	-	-	-	-	1	3	7	4	16	24	7	41	17	13	-	21	4	3
Females,	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Window Shades and Fixtures.	97	-	-	6	1	6	5	6	6	4	6	6	1	-	10	3	10	-	4	-	1
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	40	-	-	-	-	-	-	2	1	2	2	5	1	-	9	3	10	-	4	-	1
Females,	20	-	-	2	-	3	3	4	4	2	1	-	-	-	1	-	-	-	-	-	-
Young persons (under 18 years of age),	7	-	-	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wire.	4,741	3	7	5	13	22	30	23	35	31	44	58	125	163	353	344	550	659	1,768	-	-
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	4,544	-	-	-	-	-	-	1	5	6	12	31	76	114	155	345	540	655	1,753	-	-
Females,	99	-	3	-	2	3	4	12	10	12	6	4	5	3	4	4	1	3	13	-	-
Young persons (under 18 years of age),	98	3	4	3	11	13	14	5	13	7	7	3	6	5	4	-	-	1	-	-	-
Wirework, including Wire Rope and Cable.	2,718	-	19	25	98	73	103	106	195	235	239	245	307	303	327	176	143	141	133	-	-
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males,	2,040	-	-	-	-	1	4	24	47	97	133	137	213	202	199	231	175	148	141	103	-
Females,	414	-	6	9	40	37	50	33	65	36	39	36	4	3	5	1	-	-	-	-	-
Young persons (under 18 years of age),	264	-	13	16	57	32	34	46	33	11	13	13	6	1	1	-	-	-	-	-	-

	1,650	1	18	49	48	101	838	370	189	174	118	88	81	63	87	86	85	80
Wood, Turned and Carved.																		
Adults (18 years of age and over):																		
Males,	1,453	-	2	9	22	126	201	337	150	108	111	51	81	63	37	25	26	26
Females,	78	-	1	4	5	7	21	32	8	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age),	124	-	1	15	33	15	29	16	1	6	1	1	-	-	-	-	-	-
Wooden Goods, not elsewhere Specified.																		
Adults (18 years of age and over):																		
Males,	395	-	4	9	8	6	10	16	11	68	81	39	70	49	49	28	9	6
Females,	354	-	-	-	-	1	6	13	10	88	31	39	68	42	49	22	9	6
Young persons (under 18 years of age),	6	-	-	-	1	1	1	1	-	2	-	-	1	-	-	-	-	-
Males,	35	-	2	4	9	7	5	3	1	1	2	-	1	-	-	-	-	-
Females,																		
Wool, Scouring.																		
Adults (18 years of age and over):																		
Males,	1,361	-	3	8	3	6	18	38	14	99	68	848	170	318	86	86	115	168
Females,																		
Young persons (under 18 years of age),																		
Males,	1,289	-	3	2	-	-	-	3	7	80	63	236	169	318	86	36	115	162
Females,	43	-	-	-	2	3	16	18	3	-	-	1	-	-	-	-	-	-
Young persons (under 18 years of age),	29	-	-	-	1	3	2	11	4	2	-	5	1	-	-	-	-	-
Woolen and Worsted Goods.																		
Adults (18 years of age and over):																		
Males,	65,303	-	19	844	1,039	1,831	2,810	4,838	5,371	5,800	6,710	4,986	5,608	7,983	5,416	4,764	4,689	5,210
Females,																		
Young persons (under 18 years of age),																		
Males,	35,703	-	24	30	33	109	267	620	1,122	2,006	3,781	3,245	3,795	4,862	3,885	3,580	3,683	4,591
Females,	23,073	-	17	80	336	663	1,156	2,148	3,119	3,353	2,623	1,549	1,604	2,319	1,458	1,183	928	614
Young persons (under 18 years of age),	6,527	-	19	216	434	680	687	1,470	1,030	602	326	142	107	102	63	26	8	5
All Other Industries.																		
Adults (18 years of age and over):																		
Males,	70,664	-	158	869	1,908	1,866	1,747	2,215	4,515	4,571	4,506	4,019	6,171	9,191	6,570	5,508	6,804	11,178
Females,																		
Young persons (under 18 years of age),																		
Males,	55,913	-	7	29	36	42	488	952	1,389	2,062	3,479	3,653	5,341	8,974	5,998	5,163	6,149	11,122
Females,	10,606	-	4	73	366	595	1,101	973	2,363	1,253	833	347	795	200	363	130	55	48
Young persons (under 18 years of age),	4,075	-	134	306	557	563	268	388	773	397	85	19	35	17	9	9	-	2

TABLE VI. DAYS IN OPERATION.

A. THE STATE: BY INDUSTRIES.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
THE STATE.	9,985	289.7	The State — Con.		
Artificial limbs,	6	304.7	Cooperage,	32	249.6
Artificial stone products,	32	246.2	Copper, tin, and sheet-iron products,	135	296.7
Automobiles, including bodies and parts,	80	301.0	Cordage and twine, and jute goods,	14	301.9
Awnings, tents, and sails,	50	277.7	Corsets,	11	297.7
Baskets, and rattan and willow ware,	12	303.7	Cotton goods,	178	294.5
Belting, leather,	20	304.7	Cotton small wares,	31	282.2
Billiard tables and materials,	5	301.8	Cutlery and tools, not elsewhere specified,	162	268.5
Blacking, stains, and dressings,	49	300.1	Dental goods,	7	295.7
Bookbinding and blank-book making,	84	296.5	Dyeing and finishing textiles,	67	296.6
Boot and shoe cut stock and findings,	420	291.4	Dyestuffs and extracts,	19	299.5
Boots and shoes,	460	278.7	Electrical machinery, apparatus and supplies,	80	289.9
Boots and shoes, rubber,	9	282.4	Electroplating,	47	297.0
Boxes, cigar,	4	299.8	Enameling and japanning,	14	298.6
Boxes, fancy and paper,	99	291.1	Engraving and die sinking,	27	290.3
Boxes, wooden packing,	91	294.3	Engraving, steel and copper plate, including plate printing,	18	299.6
Brass, bronze, and copper products,	61	300.3	Envelopes,	14	296.6
Bread and other bakery products,	1,107	300.3	Fancy articles, not elsewhere specified,	22	300.0
Brick and tile,	43	301.6	Felt goods,	12	302.4
Brooms,	20	283.9	Flavoring extracts,	18	289.7
Brushes,	31	296.9	Flour-mill and gristmill products,	73	279.7
Butter,	11	306.0	Food preparations,	52	275.7
Buttons,	15	284.6	Foundry and machine-shop products,	711	296.4
Canning and preserving,	56	272.0	Fur goods,	14	296.9
Carpets and rugs, other than rag,	12	296.2	Furnishing goods, men's,	16	296.1
Carpets, rag,	14	290.9	Furniture,	117	296.2
Carriages and sleds, children's,	8	293.3	Galvanizing,	3	304.5
Carriages and wagons, and materials,	90	300.2	Gas and electric fixtures,	9	282.3
Cars and general shop construction and repairs by steam-rail-road companies,	11	301.5	Gas, illuminating and heating,	50	356.4
Chemicals,	21	294.6	Glass cutting, staining, and ornamenting,	32	300.9
Cleansing and polishing preparations,	14	276.0	Glue,	9	275.3
Cloth, sponging and re-finishing,	5	305.0	Gold and silver, leaf and foil,	11	293.6
Clothing, men's,	208	277.9	Gold and silver, reducing and refining, not from the ore,	4	272.5
Clothing, men's, button-holes,	5	294.5	Grease and tallow,	24	296.1
Clothing, women's,	236	275.7	Hand stamps, and stencils, and brands,	23	304.7
Coffee and spice, roasting and grinding,	18	304.6	Hardware,	37	293.4
Coffins, burial cases, and undertakers goods,	10	301.7	Hats and caps, other than felt, straw and wool,	30	282.8
Combs and hairpins,	31	297.2	Hats, fur-felt,	8	276.0
Confectionery and ice cream,	227	280.3	Hats, straw,	15	256.3
Confectionery,	128	279.9	Hosiery and knit goods,	60	295.6
Ice cream,	99	304.3	House furnishing goods, not elsewhere specified,	23	290.0

TABLE VI. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Ice, manufactured, . . .	5	249.4	Patent medicines and compounds and druggists' preparations, . .	95	296.2
Instruments, professional and scientific, . . .	23	295.2	Photographic apparatus, and materials, . . .	3	302.7
Iron and steel, bolts, nuts, washers and rivets, not made in steel works or rolling mills, . . .	9	298.4	Photo-engraving, . . .	25	301.7
Iron and steel forgings, . .	12	294.3	Plumbers' supplies, . . .	18	296.9
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills, . . .	24	292.5	Pocketbooks, . . .	9	298.4
Jewelry, . . .	140	285.3	Pottery, . . .	7	302.1
Jewelry and instrument cases, . . .	10	300.3	Printing and publishing, . .	655	300.6
Labels and tags, . . .	7	300.0	Refrigerators, . . .	11	277.9
Lamps and reflectors, . .	6	304.0	Rubber goods, not elsewhere specified, . . .	41	303.1
Lasts, . . .	31	286.6	Saddlery and harness, . . .	31	296.1
Leather goods, not elsewhere specified, . . .	42	292.2	Sausage, not made in slaughtering and meat-packing establishments, . .	46	285.3
Leather, tanned, curried, and finished, . . .	136	278.5	Screws, machine, . . .	30	294.9
Lime, . . .	9	295.6	Shipbuilding, wooden, including boat-building, . . .	56	270.7
Linen goods, . . .	7	292.9	Shirts, . . .	14	284.4
Liquors, distilled, . . .	6	248.5	Shoddy, wool, . . .	22	281.2
Liquors, malt, ¹ . . .	27	302.2	Show cases, . . .	9	300.2
Lithographing, . . .	15	300.4	Signs and advertising novelties, . . .	21	300.2
Looking-glass and picture frames, . . .	23	304.7	Silk and silk goods, including throwsters, . .	18	298.6
Lumber and timber products, . . .	85	197.3	Silverware and plated ware, . . .	20	289.0
Lumber planing-mill products, . . .	168	283.0	Slaughtering and meat-packing, . . .	34	264.6
Marble and stone work, . .	81	249.3	Soap, . . .	31	284.6
Mattresses and spring beds, . . .	47	298.6	Sporting and athletic goods, . . .	14	295.2
Military and naval equipment (textile), . . .	9	170.4	Springs, steel, car and carriage, . . .	6	300.2
Millinery and lace goods, . .	64	287.1	Stationery goods, not elsewhere specified, . .	29	279.5
Mineral and soda waters, . .	107	284.7	Statuary and art goods, . .	10	294.3
Minerals and earths, ground, . . .	8	301.9	Steam fittings and steam and hot-water heating apparatus, . . .	27	292.9
Mirrors, . . .	6	302.5	Steam packing, . . .	9	302.9
Models and patterns, not including paper patterns, . . .	58	297.1	Stereotyping and electrotyping, . . .	16	298.2
Monuments and tombstones, . . .	161	272.3	Stoves and hot-air furnaces, not including gas and oil stoves, . . .	15	257.6
Mucilage and paste, . . .	20	252.5	Structural ironwork, not made in steel works or rolling mills, . . .	60	293.9
Musical instruments and materials, not specified, . .	16	302.1	Surgical appliances, . . .	13	304.3
Musical instruments, pianos and organs, and materials, . . .	42	291.5	Suspenders, garters, and elastic woven goods, . .	27	297.7
Oil, not elsewhere specified, . .	14	300.2	Tobacco manufactures, . .	206	286.5
Paints and varnishes, . . .	33	297.8	Toys and games, . . .	25	269.1
Paper and wood pulp, . . .	87	265.6	Trunks and valises, . . .	21	295.2
Paper goods, not elsewhere specified, . . .	50	294.0	Type founding and printing materials, . . .	7	299.4

¹ Includes one establishment having four branches.

TABLE VI. DAYS IN OPERATION — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Upholstering materials, .	9	297.9	Wire,	9	295.8
Vinegar and cider, . .	21	264.7	Wirework, including wire		
Waste,	13	263.5	rope and cable, . .	34	295.7
Watch and clock materials, .	6	295.0	Wood, turned and carved, .	40	280.0
Whips,	19	297.8	Wooden goods, . . .	31	280.4
Window and doorscreens, .	13	281.2	Wool scouring, . . .	13	296.0
Window shades and fixtures,	8	297.4	Woolen and worsted goods,	176	294.5
			Other industries, . . .	295	294.1

B. THE STATE: BY CITIES AND TOWNS.

CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation	CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation
THE STATE.	9,845	289.7	The State — Con.		
Abington,	16	280.7	Dartmouth,	4	221.0
Acton,	10	270.3	Dedham,	14	202.5
Adams,	29	295.7	Deerfield,	6	226.0
Agawam,	3	278.3	Dudley,	8	291.8
Amesbury,	50	283.9	Easthampton,	20	298.6
Amherst,	18	293.9	Easton,	7	296.0
Andover,	10	296.5	Erving,	6	278.7
Arlington,	18	292.6	Essex,	5	293.8
Ashburnham,	11	295.5	EVERETT,	84	298.9
Ashland,	7	297.7	FALL RIVER,	237	300.1
Athol,	24	294.6	Falmouth,	5	299.6
ATTLEBORO,	122	279.5	FITCHBURG,	113	294.5
Ayer,	10	291.2	Foxborough,	11	293.6
Barnstable,	6	223.6	Frammingham,	47	277.4
Barre,	7	287.7	Franklin,	21	293.3
Becket,	7	276.3	Gardner,	55	289.9
Belmont,	4	287.3	Georgetown,	4	293.0
BEVERLY,	52	294.5	GLOUCESTER,	71	290.8
Billerica,	7	292.7	Grafton,	11	283.8
Boston,	2,653	282.0	Great Barrington, . .	15	296.7
Braintree,	17	301.7	Greenfield,	42	284.3
Bridgewater,	16	255.9	Hanover,	6	287.3
BROCKTON,	212	291.9	Haverhill,	364	290.3
Brookfield,	5	288.8	Hingham,	8	273.7
Brookline,	18	304.7	HOLYOKE,	106	287.4
CAMBRIDGE,	306	294.0	Hudson,	34	288.3
Canton,	16	289.9	Huntington,	5	273.8
Carver,	6	184.5	Kington,	7	279.4
CHELSEA,	106	282.2	LAWRENCE,	172	291.4
Chester,	7	269.4	Lee,	14	288.4
CHICOPEE,	52	275.4	Leicester,	10	301.3
Clinton,	28	300.1	LEOMINSTER,	69	292.7
Concord,	11	301.7	Lexington,	4	302.7
Dalton,	8	265.6	LOWELL,	254	276.4
Danvers,	24	274.2	LYNN,	411	283.3

TABLE VI. DAYS IN OPERATION — Concluded.

B. THE STATE: BY CITIES AND TOWNS — Concluded.

CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation	CITIES AND TOWNS.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
MALDEN,	70	283.9	Reading,	15	290.9
Manchester,	4	278.0	REVERE,	18	285.8
Mansfield,	20	280.2	Rochester,	4	190.8
Marblehead,	26	272.5	Rockland,	10	300.3
MARLBOROUGH,	37	258.3	Rockport,	11	248.3
MEDFORD,	38	297.5	Rowley,	6	271.2
Medway,	7	301.0	SALAM,	132	294.4
MELROSE,	21	293.4	Saugus,	9	248.4
Merrimac,	5	268.4	Shelburne,	7	263.0
Methuen,	24	295.9	SOMERVILLE,	113	293.8
Middleborough,	25	284.5	South Hadley,	10	263.5
Millford,	42	290.1	Southbridge,	31	298.0
Millbury,	24	296.2	Spencer,	14	304.6
Milton,	4	263.8	SPRINGFIELD,	332	292.6
Monson,	8	269.4	Stoneham,	22	279.8
Montague,	16	290.8	Stoughton,	24	295.5
Natick,	35	276.7	TAUNTON,	101	276.5
Needham,	24	295.3	Templeton,	15	275.4
NEW BEDFORD,	185	300.0	Townsend,	7	279.4
NEWBURYPORT,	54	283.8	Uxbridge,	12	296.8
NEWTON,	42	298.0	Wakefield,	26	291.7
NORTH ADAMS,	51	300.0	Walpole,	13	294.9
North Andover,	9	299.0	WALTHAM,	74	294.1
North Attleborough,	61	283.1	Ware,	16	300.1
North Brookfield,	7	296.6	Wareham,	12	242.5
North Reading,	5	252.3	Warren,	7	287.1
NORTHAMPTON,	53	291.3	Watertown,	19	290.4
Northbridge,	11	304.8	Wellesley,	6	303.0
Norton,	5	294.6	West Springfield,	17	282.4
Norwood,	22	301.8	West Stockbridge,	8	261.3
Orange,	15	289.0	Westborough,	13	285.4
Oxford,	12	286.4	Westfield,	75	290.2
Palmer,	20	300.0	Westminster,	5	235.0
PEABODY,	86	286.5	Weymouth,	32	296.2
PITTSFIELD,	67	292.1	Whitman,	20	291.1
Plainville,	7	290.6	Williamsburg,	10	302.8
Plymouth,	24	295.0	Winchendon,	22	292.4
QUINCY,	153	277.6	Winchester,	17	255.6
Randolph,	9	295.3	WOBURN,	48	296.7
Raynham,	10	272.3	WORCESTER,	516	290.5

LAUNDRIES.

[128]

TABLE VII. STEAM LAUNDRIES—1909-1917.

CITIES AND TOWNS.	Number of Establishments	Capital Invested	Cost of Materials Used	Average Number of Wage-earners	Wages Paid	Value of Work Done
The State.						
1909.	280	\$2,951,025	\$903,845	5,958	\$2,582,593	\$5,754,572
1912.	329	4,120,458	1,087,794	7,367	3,395,961	7,773,956
1913.	377	4,542,813	1,259,655	8,160	3,884,670	8,781,536
1914.	391	4,695,798	1,391,900	7,771	3,721,409	8,661,530
1915.	376	5,037,974	1,413,801	7,757	3,978,761	8,675,570
1916.	373	5,353,116	1,716,026	8,094	4,278,066	9,673,534
1917.	359	5,575,196	2,102,363	7,709	4,427,189	10,228,364
ATTLEBORO.						
1914.	4	\$28,361	\$5,041	40	\$18,904	\$36,904
1915.	4	31,794	5,845	43	21,455	38,372
1916.	4	21,947	7,957	39	21,244	44,618
1917.	3	18,390	5,260	13	9,600	23,676
BEVERLY.						
1909.	3	\$16,995	\$6,023	44	\$12,014	\$34,950
1912.	4	22,492	12,551	84	36,422	82,045
1913.	4	28,376	11,325	73	36,334	75,645
1914.	4	37,943	10,033	66	30,175	81,540
1915.	4	17,540	9,762	74	38,131	79,303
1916.	4	45,805	9,371	69	37,148	82,940
1917.	3	25,571	7,457	63	37,334	86,371
BOSTON.						
1909.	56 ¹	\$712,354	\$364,716	1,725	\$711,344	\$1,601,131
1912.	58	991,344	287,179	2,093	943,267	2,118,780
1913.	63	1,110,791	340,309	2,333	1,062,680	2,411,416
1914.	55	1,108,108	363,223	2,127	941,278	2,397,350
1915.	57	1,149,979	399,499	2,132	1,068,852	2,286,669
1916.	58	1,307,073	480,739	2,174	1,096,182	2,510,237
1917.	57	1,397,240	599,692	2,045	1,138,821	2,735,879
BROCKTON.						
1909.	3	\$51,687	\$18,441	116	\$67,894	\$115,368
1912.	5	79,625	21,373	149	82,260	164,117
1913.	5	73,141	21,222	124	88,610	165,501
1914.	6	120,999	18,325	140	81,475	160,909
1915.	4	159,543	24,682	133	75,798	155,880
1916.	5	165,249	32,598	158	100,827	196,892
1917.	3	133,206	29,164	143	71,340	154,287
CAMBRIDGE.						
1909.	7	\$349,011	\$67,235	481	\$216,961	\$494,843
1912.	8	266,086	81,598	531	253,184	564,335
1913.	9	297,877	72,801	518	259,875	592,296
1914.	9	367,717	66,962	448	224,900	563,183
1915.	8	380,932	84,496	498	231,790	541,473
1916.	7	416,199	84,784	492	258,214	596,680
1917.	8	432,898	128,665	479	274,699	610,298
CHICOPEE.						
1914.	3	\$16,916	\$5,843	26	\$10,745	\$28,175
1915.	4	18,470	6,345	25	12,776	32,755
1916.	4	21,638	8,170	32	19,088	42,084
1917.	4	28,161	12,553	32	24,176	51,771
EVERETT.						
1914.	3	\$31,782	\$15,009	76	\$27,603	\$32,352
1915.	3	31,039	14,576	74	37,734	79,373
1916.	3	32,178	16,300	78	40,410	90,667
1917.	3	25,107	21,082	70	39,727	94,571

¹ Including three laundries in Hyde Park, which was annexed to Boston in 1912.

TABLE VII. STEAM LAUNDRIES—1909-1917—Continued.

CITIES AND TOWNS.		Number of Es- tablish- ments	Capital Invested	Cost of Materials Used	Average Number of Wage- earners	Wages Paid	Value of Work Done
FALL RIVER.							
1909,	.	10	\$198,343	\$36,476	190	\$97,653	\$216,838
1912,	.	13	223,941	44,453	244	107,378	242,605
1913,	.	13	242,332	51,543	247	128,324	290,194
1914,	.	13	263,308	63,111	250	137,099	302,077
1915,	.	13	245,339	64,652	236	135,973	304,129
1916,	.	14	266,536	78,234	229	130,378	333,324
1917,	.	13	296,411	95,161	235	139,392	361,078
FITCHBURG.							
1909,	.	4	\$17,311	\$6,290	62	\$25,197	\$52,096
1912,	.	5	33,709	16,513	86	34,000	75,448
1913,	.	5	35,950	9,362	89	36,197	79,102
1914,	.	5	37,198	12,851	83	36,529	68,322
1915,	.	4	30,820	7,931	83	35,063	64,657
1916,	.	4	26,972	7,045	72	31,769	64,768
1917,	.	4	50,025	12,685	87	42,780	80,219
HAVERHILL.							
1909,	.	6	\$23,320	\$10,469	87	\$40,940	\$96,034
1912,	.	15	57,801	26,350	146	75,670	153,227
1913,	.	15	99,855	24,443	174	79,213	178,567
1914,	.	16	65,050	32,192	171	82,007	180,000
1915,	.	16	76,198	27,064	164	86,941	153,061
1916,	.	16	71,113	30,940	177	93,032	181,020
1917,	.	15	82,187	41,053	165	92,294	158,104
HOLYOKE.							
1909,	.	4	\$72,610	\$19,005	78	\$39,890	\$82,800
1912,	.	5	99,563	18,528	79	33,312	109,696
1913,	.	5	115,257	16,070	94	45,990	113,617
1914,	.	5	89,030	16,242	68	36,312	95,481
1915,	.	5	104,847	14,572	72	35,139	92,420
1916,	.	5	93,801	17,362	92	47,576	99,704
1917,	.	5	106,687	25,169	90	50,778	105,306
LAWRENCE.							
1909,	.	9	\$40,220	\$10,679	68	\$26,024	\$66,405
1912,	.	10	62,270	17,253	104	46,049	148,780
1913,	.	9	54,086	23,292	112	54,191	132,250
1914,	.	11	64,900	23,535	123	59,504	132,377
1915,	.	10	65,141	24,182	107	54,187	118,982
1916,	.	10	67,264	35,467	133	65,539	155,065
1917,	.	10	74,422	47,333	138	80,118	196,703
LEOMINSTER.							
1914,	.	3	\$13,335	\$3,578	35	\$14,895	\$33,500
1915,	.	3	13,850	5,839	30	15,534	36,125
1916,	.	3	13,565	5,066	18	10,248	34,133
1917,	.	3	24,416	10,916	24	14,642	41,392
LOWELL.							
1909,	.	9	\$54,814	\$30,974	188	\$80,577	\$170,065
1912,	.	9	107,590	17,344	186	75,402	165,968
1913,	.	10	80,950	26,092	212	85,574	173,297
1914,	.	9	66,955	32,810	217	94,742	199,247
1915,	.	9	82,960	48,164	219	97,802	231,975
1916,	.	9	91,452	54,969	228	110,459	245,280
1917,	.	9	95,381	55,112	226	124,903	264,264
LYNN.							
1909,	.	10	\$107,874	\$48,173	270	\$118,929	\$376,314
1912,	.	12	167,764	41,032	323	146,696	334,527
1913,	.	14	208,990	48,010	332	154,432	353,751
1914,	.	16	257,228	44,967	348	151,526	353,035
1915,	.	16	291,478	60,320	299	157,990	345,436
1916,	.	16	194,707	60,520	348	169,431	359,129
1917,	.	14	200,214	68,432	326	163,380	354,309

TABLE VII. STEAM LAUNDRIES—1909-1917—Continued.

CITIES AND TOWNS.	Number of Establishments	Capital Invested	Cost of Materials Used	Average Number of Wage-earners	Wages Paid	Value of Work Done
MALDEN.						
1909.	3	\$14,000	\$5,374	83	\$42,349	\$64,986
1912.	4	37,349	12,872	97	50,450	93,466
1913.	5	40,814	15,827	123	66,432	118,844
1914.	4	43,549	26,299	123	54,600	119,987
1915.	5	34,610	17,748	131	71,159	121,374
1916.	5	49,086	30,581	131	80,646	151,470
1917.	5	42,230	23,498	106	68,136	127,447
METHUEN.						
1914.	3	\$14,648	\$4,167	51	\$22,534	\$36,651
1915.	3	15,375	4,740	51	22,969	43,600
1916.	3	16,220	5,132	51	20,966	43,025
1917.	3	34,050	9,724	46	23,916	56,970
NATICK.						
1914.	3	\$19,050	\$3,690	24	\$11,363	\$27,400
1915.	3	16,290	4,180	25	11,830	28,105
1916.	3	17,050	4,979	26	12,341	29,279
1917.	3	17,110	5,248	22	10,807	26,080
NEW BEDFORD.						
1909.	10	\$76,374	\$27,299	180	\$85,740	\$175,172
1912.	14	196,096	86,141	236	121,455	280,400
1913.	14	157,273	51,379	249	188,875	312,358
1914.	13	142,976	47,846	239	126,809	294,490
1915.	15	189,758	50,431	254	148,981	343,297
1916.	14	207,546	63,494	255	165,751	362,666
1917.	14	219,060	84,689	254	171,664	394,033
NEWBURYPORT.						
1909.	3	\$10,761	\$3,213	25	\$10,021	\$25,253
1912.	5	19,968	6,068	39	16,077	45,070
1913.	6	22,872	4,025	40	16,557	47,140
1914.	5	17,240	3,285	38	17,890	41,980
1915.	5	15,313	7,510	50	24,089	47,384
1916.	4	14,413	8,296	53	25,791	52,950
1917.	4	15,652	11,431	55	29,287	57,018
NORTH ADAMS.						
1914.	4	\$41,103	\$11,240	65	\$39,240	\$62,366
1915.	4	49,285	10,492	68	39,579	68,696
1916.	3	39,684	13,877	57	30,122	70,248
1917.	3	44,941	21,993	68	37,246	81,006
NORTHAMPTON.						
1909.	3	\$15,657	\$6,320	39	\$15,281	\$31,551
1912.	3	23,312	3,957	44	18,956	43,000
1913.	3	21,580	5,862	51	22,478	46,872
1914.	4	16,018	7,330	53	33,390	50,734
1915.	4	18,770	5,609	54	24,396	46,143
1916.	4	22,075	8,013	56	27,822	58,265
1917.	4	17,005	10,082	54	29,901	60,064
QUINCY.						
1909.	4	\$36,828	\$11,550	40	\$30,666	\$56,393
1912.	5	39,465	7,570	54	28,668	66,298
1913.	5	41,705	10,299	59	33,213	74,325
1914.	7	51,730	14,985	69	34,668	86,516
1915.	4	31,832	10,146	51	31,467	61,994
1916.	3	29,628	12,520	65	31,541	71,627
1917.	3	47,870	20,227	73	47,714	102,861
SALEM.						
1909.	3	\$31,736	\$16,593	149	\$69,614	\$152,212
1912.	4	44,584	23,283	147	77,172	163,343
1913.	4	49,459	23,768	148	77,699	167,652
1914.	5	62,298	22,535	152	92,714	176,825
1915.	4	100,747	17,908	148	81,705	173,575
1916.	4	118,423	23,613	150	86,831	190,375
1917.	4	189,126	27,092	138	89,703	201,650

TABLE VII. STEAM LAUNDRIES — 1909-1917 — Concluded.

CITIES AND TOWNS.		Number of Establishments	Capital Invested	Cost of Materials Used	Average Number of Wage-earners	Wages Paid	Value of Work Done
SOMERVILLE.							
1909.	.	5	\$32,415	\$5,322	59	\$24,977	\$64,676
1912.	.	5	17,195	12,106	65	22,649	97,375
1913.	.	4	19,176	14,981	66	26,210	96,394
1914.	.	5	19,916	19,908	66	40,894	96,781
1915.	.	6	35,569	19,674	86	46,581	117,383
1916.	.	6	41,920	24,508	93	52,115	125,512
1917.	.	6	54,123	29,014	96	62,662	145,226
SPRINGFIELD.							
1909.	.	12	\$163,668	\$36,308	252	\$67,496	\$284,723
1912.	.	11	250,029	51,771	236	170,512	389,441
1913.	.	12	273,006	68,260	422	212,220	472,474
1914.	.	13	278,225	57,299	358	182,159	421,362
1915.	.	14	336,028	65,963	393	190,937	419,868
1916.	.	14	387,831	77,286	421	240,846	502,700
1917.	.	11	364,843	86,283	376	219,686	512,689
TAUNTON.							
1909.	.	5	\$42,775	\$12,228	92	\$34,508	\$72,216
1912.	.	4	80,770	12,260	94	39,024	87,555
1913.	.	4	81,225	15,740	92	41,591	96,711
1914.	.	5	58,225	27,962	95	47,319	103,066
1915.	.	5	61,563	15,811	102	44,127	96,855
1916.	.	5	47,978	19,645	97	49,292	104,676
1917.	.	4	47,249	24,706	81	49,795	108,443
WATERTOWN.							
1914.	.	4	\$37,091	\$44,839	272	\$147,265	\$370,686
1915.	.	4	101,209	40,960	225	121,258	254,781
1916.	.	4	85,569	43,882	228	141,225	272,982
1917.	.	4	82,797	60,762	225	157,078	294,401
WORCESTER.							
1909.	.	12	\$174,255	\$59,656	357	\$144,116	\$316,215
1912.	.	12	247,766	71,135	405	184,965	420,728
1913.	.	12	270,404	75,198	414	190,730	439,221
1914.	.	11	254,079	84,786	358	184,068	416,376
1915.	.	11	250,457	75,241	393	186,049	420,253
1916.	.	10	318,300	104,295	426	224,695	502,120
1917.	.	10	323,635	111,728	422	239,932	549,186
OTHER CITIES AND TOWNS.							
1909.	.	98	\$706,217	\$196,191	1,374	\$606,442	\$1,214,202
1912.	.	118	1,049,599	266,832	1,825	815,982	1,927,460
1913.	.	156	1,217,132	330,502	2,173	1,016,645	2,236,089
1914.	.	143	1,032,520	295,527	1,601	769,907	1,842,235
1915.	.	129	1,090,382	279,499	1,557	825,849	1,841,425
1916.	.	129	1,151,754	345,797	1,646	863,247	2,006,121
1917.	.	127	1,187,991	416,052	1,552	885,629	2,145,174

Classified Weekly Wages (Rates). General Laundries - 1917.

SEX AND AGE.	Aggre- gates	Un- der \$3	\$3 \$4	\$4 \$5	\$5 \$6	\$6 \$7	\$7 \$8	\$8 \$9	\$9 \$10	\$10 \$11	\$11 \$12	\$12 \$13	\$13 \$14	\$14 \$15	\$15 \$16	\$16 \$18	\$18 \$20	\$20 \$22	\$22 \$25	\$25 and over
The State,	7,376	-	3	26	149	439	925	1,187	1,051	738	310	451	268	220	307	313	337	267	153	153
Per cent,	100	-	-	0.4	2.0	6.0	12.5	16.1	14.7	10.0	4.2	6.2	3.6	3.0	4.2	4.2	4.6	3.6	2.1	2.1
Males (18 years and over),	2,125	-	-	1	2	25	8	30	37	56	49	204	115	152	257	286	323	253	160	177
Per cent,	100	-	-	-	0.1	1.2	0.4	1.4	1.7	2.6	2.3	9.6	5.4	7.2	12.1	13.5	15.9	11.9	7.1	8.3
Females (18 years and over),	4,585	-	1	10	74	356	845	1,101	1,019	674	260	274	91	67	50	27	14	14	8	5
Per cent,	100	-	-	0.2	1.6	7.7	17.3	24.2	20.9	13.8	5.3	5.6	1.9	1.4	1.0	0.5	0.3	0.3	0.1	0.1
Young persons (under 18 years of age),	366	-	2	15	73	108	72	56	25	8	1	3	2	1	-	-	-	-	-	-
Per cent,	100	-	0.5	4.1	20.0	29.5	19.7	15.3	6.8	2.2	0.3	0.8	0.5	0.3	-	-	-	-	-	-

Classified Weekly Wages (Rates). Wet Wash Laundries - 1917.

SEX AND AGE.	Aggre- gates	Un- der \$3	\$3 \$4	\$4 \$5	\$5 \$6	\$6 \$7	\$7 \$8	\$8 \$9	\$9 \$10	\$10 \$11	\$11 \$12	\$12 \$13	\$13 \$14	\$14 \$15	\$15 \$16	\$16 \$18	\$18 \$20	\$20 \$22	\$22 \$25	\$25 and over
The State,	787	-	18	25	29	42	32	34	54	72	18	70	34	36	88	62	71	43	25	34
Per cent,	100	-	2.3	3.2	3.7	5.3	4.0	4.3	6.9	9.1	2.3	8.9	4.3	4.6	11.2	8.0	9.0	5.4	3.2	4.3
Males (18 years and over),	574	-	-	2	1	9	8	10	27	48	16	64	34	35	85	62	70	43	25	34
Per cent,	100	-	-	0.3	0.2	1.6	1.4	1.7	4.7	8.4	2.8	11.1	5.9	6.3	14.8	10.8	12.2	7.5	4.4	5.9
Females (18 years and over),	198	-	18	22	25	32	22	21	25	23	-	6	-	-	3	-	1	-	-	-
Per cent,	100	-	9.1	11.1	12.6	16.2	11.1	10.6	12.6	11.6	-	3.1	-	-	1.5	-	0.5	-	-	-
Young persons (under 18 years of age),	15	-	-	1	3	1	2	3	2	1	2	-	-	-	-	-	-	-	-	-
Per cent,	100	-	-	6.7	20.0	6.7	13.3	20.0	13.3	6.7	13.3	-	-	-	-	-	-	-	-	-

1 Less than one-tenth of one per cent.

PUBLICATIONS OF THE BUREAU OF STATISTICS

I. REPORT ON THE STATISTICS OF LABOR.

(Public Document No. 15.)

The first Annual Report on the Statistics of Labor was published in 1870, the first Labor Bulletin in 1897, and Special Reports have been issued from time to time as occasion required. Beginning with the year 1913 all of these several publications of the Labor Division of the Bureau have been styled "Labor Bulletins", and a certain number of copies have been set aside for binding and publication at the end of the year under the title of the "Annual Report on the Statistics of Labor." The Labor Bulletins are numbered consecutively as issued, and each number contains matter devoted to one subject, concerning labor or the condition of the wage-earning population or questions of economic or social interest.

A list of the Bulletins issued since January 1, 1916, will be found below, any of which will be mailed to applicants upon request. Persons or organizations desiring to receive the Labor Bulletins as issued will be entered on our mailing list upon making application, and exchanges with publications having reference to industrial and social matters will be gladly made.

(A list of the Reports and Bulletins issued prior to January 1, 1916, will be furnished on application.)

- No. 113, March 1, 1916. Fifteenth Annual Directory of Labor Organizations, 1916.
- No. 114, April 1, 1916. Union Scale of Wages and Hours of Labor in Massachusetts, 1915.
- No. 115, May 1, 1916. Wages and Hours of Labor in Steam and Electric Railway Service in Massachusetts.
- No. 116, September 1, 1916. Labor Legislation in Massachusetts, 1916.
- No. 117, November 1, 1916. Labor Injunctions in Massachusetts, 1916.
- No. 118, December 1, 1916. Eighth Annual Report on Labor Organizations, 1915.
- No. 119, March 1, 1917. Sixteenth Annual Directory of Labor Organizations, 1917.
- No. 120, May 1, 1917. Union Scale of Wages and Hours of Labor in Massachusetts, 1916.
- No. 121, July 1, 1917. Collective Agreements between Employers and Labor Organizations in Massachusetts, 1916.
- No. 122, September 1, 1917. Labor Legislation in Massachusetts, 1915, 1916, and 1917.
- No. 123, April 1, 1918. Seventeenth Annual Directory of Labor Organizations, 1918.
- No. 124, June 1, 1918. Union Scale of Wages and Hours of Labor in Massachusetts, 1917.
- No. 125, October 1, 1918. Labor Legislation in Massachusetts, 1918.

II. QUARTERLY REPORTS ON EMPLOYMENT IN MASSACHUSETTS.

The first Quarterly Report on Employment in Massachusetts was published in May, 1908. A few reports for the following quarters are still available for distribution, and will be sent to any address upon application.

- 1914 — March 31; June 30; September 30; December 31.
- 1915 — March 31; June 30; September 30; December 31.
- 1916 — March 31; June 30; September 30; December 31.
- 1917 — March 31; June 30; September 30.

Annual summaries were published in the Annual Reports on Labor Organizations of which the following are still available for distribution: 1912, 1913, 1914, and 1915. Persons or organizations desiring to receive copies of these reports will be placed upon the mailing list upon making application.

III. REPORT ON THE STATISTICS OF MANUFACTURES.

(Public Document No. 36.)

The First Annual Report on the Statistics of Manufactures was published in 1886. Each report issued prior to 1907 contained comparisons for identical establishments, between two or more years, as to Capital Devoted to Production, Stock and Materials Used, Goods Made, Persons Employed, Wages Paid, and Time in Operation. Beginning with 1907 the comparisons for identical establishments were omitted, and all returns made to the Bureau were included in the tabulations. Copies of the reports for the years 1909, 1914, 1915, 1916, and 1917 are available for distribution, and will be sent upon application.

IV. REPORT ON STATISTICS OF MUNICIPAL FINANCES.

(Public Document No. 79.)

The first report on the Statistics of Municipal Finances was issued in September, 1908, and covered municipal fiscal years ending between November 30, 1906, and April 1, 1907. The reports for this and for later years contain tabular presentations showing the Cost of Municipal Government in Massachusetts: Summarized Statement of All Receipts and Payments, together with Analysis Tables and Definitions of Terms intended to promote uniformity in accounting and presentation of municipal reports. The first and second reports are now out of print. The eleventh annual report covers municipal fiscal years ending between November 30, 1916, and March 31, 1917. Any of the reports now in print will be sent upon application.

V. THE MUNICIPAL BULLETIN.

These Bulletins contain matter relating to municipal affairs, especially finances, and are intended to promote a sound and efficient administration of city and town government in Massachusetts. Bulletins Nos. 2, 5, 6, and 7 were superseded by No. 8. Any of the Bulletins listed below will be sent upon application.

No. 1. January, 1910. A Uniform Classification of Municipal Receipts and Payments Prescribed for the Cities and Towns of Massachusetts as a Basis for a Standard System of Accounts and Reports.

No. 3. January, 1911. The Issue and Certification of Town Notes Under the Provisions of Chapter 81 of the Acts of 1910.

No. 4. March, 1911. Outstanding Indebtedness of Certain Cities and Towns of Massachusetts April 1, 1911, which no Sinking Funds are being Accumulated or for the Extinguishment of which no Annual Payments Principal are being made.

No. 8. July, 1917. Laws relating to Municipal Finances, including the Municipal Indebtedness Act of 1913 (with amendments), the Acts requiring the Certification of Town and District Notes, providing for the Auditing of Accounts, and the Installation of Accounting Systems by the Bureau of Statistics, making Annual Returns of Financial Transactions, etc. (Supersedes Municipal Bulletins Nos. 2, 5, 6, and 7.)

VI. REPORT ON THE STATE PUBLIC EMPLOYMENT OFFICES.

(Public Document No. 80.)

Public employment offices are maintained under the jurisdiction of this Bureau in Boston, Springfield, and Worcester. The first Annual Report on the State Public Employment Offices was published in 1907. The annual reports contain statistical tables and descriptive matter relating to the work of the offices, and, with the exception of the 1st and 4th (out of print), will be sent upon application. The Eleventh Annual Report covered the period December 1, 1916, to December 31, 1917.

VII. SPECIAL REPORTS.

Special reports, except those indicated by an asterisk (*), which are now out of print, will be mailed upon application.

***January 4, 1911.** A Special Report on the Cost of Retirement Systems for State and County Employees in Massachusetts.

***January 6, 1911.** The Population of Massachusetts as Determined by the Thirteenth Census of the United States, 1910.

April 15, 1912. Report of a Special Investigation relative to the Indebtedness of the Cities and Towns of the Commonwealth.

March 5, 1913. Report of a Special Investigation relative to the Sinking Funds and Serial Loans of the Cities and Towns of the Commonwealth.

August 1, 1913. A Directory of Massachusetts Manufactures, 1913.

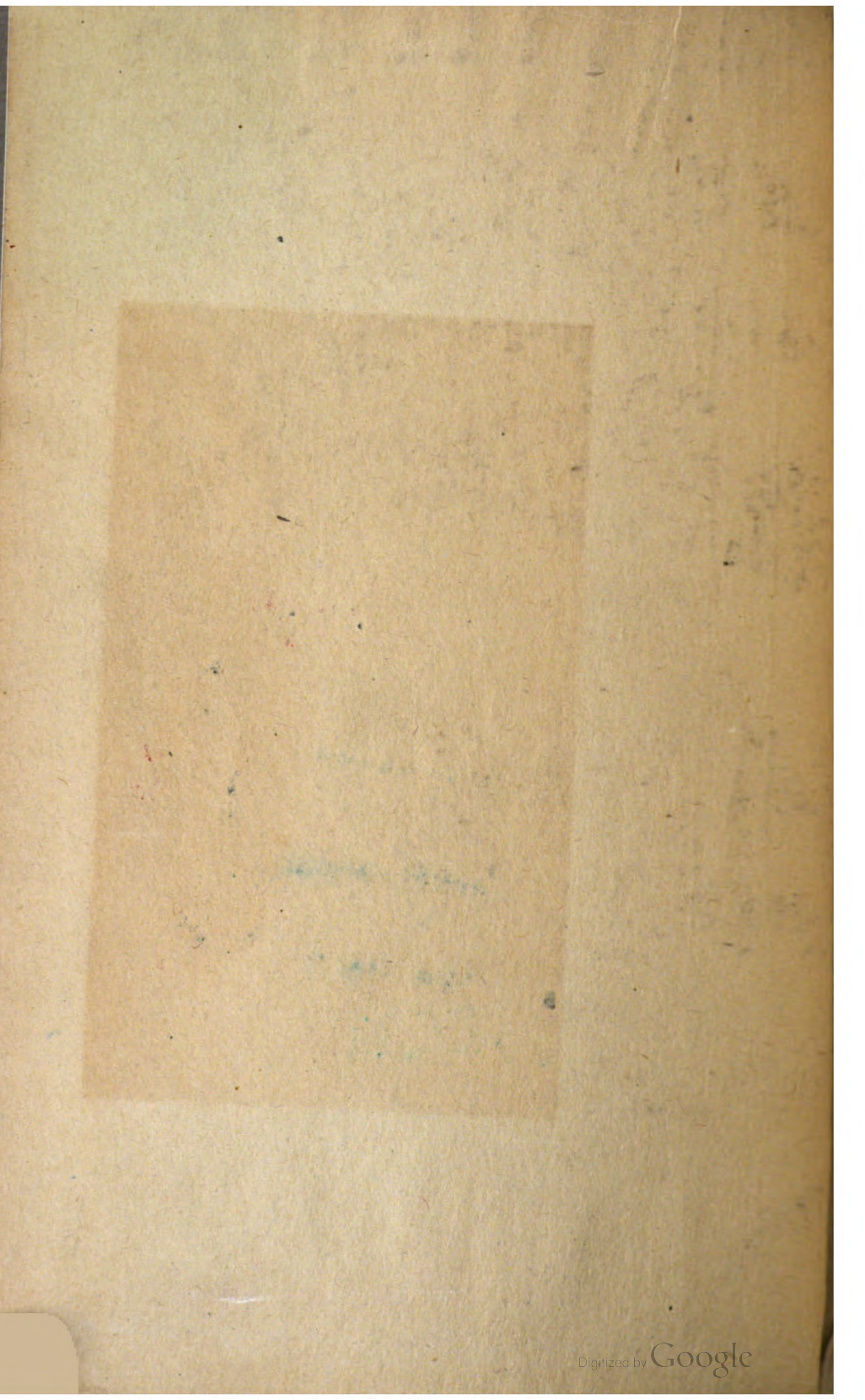
August 1, 1914. Report on Power Laundries in Massachusetts, 1913.

December 15, 1916. Report of a Special Inquiry relative to Aged and Dependent Persons in Massachusetts, 1915.

January 15, 1918. Report of a Special Inquiry relative to Dependent Families in Massachusetts Recipients of Mothers' Aid, 1913-1917. (Reprint of Appendix A of the Report of the Special Commission on Social Insurance, 1917.)

VIII. THE DECENNIAL CENSUS.

The Decennial Census of the Commonwealth for 1905 was published complete in four volumes, now out of print. The Decennial Census for 1915 was taken as of the date April 1, 1915. Part I of which is now ready for distribution.



This book should be returned to the Library on or before the last date stamped below.

A fine of five cents a day is incurred by retaining it beyond the specified time.

Please return promptly.

JUN 11 1937

DEC 31 1975 H

5425436

DUE JAN 23 '37

DEC 30 1937

5425436

NOV 15 '76 H

~~MAILED 8 '38~~
AUG 28 1939

MAILED
55238
17
NOV 4 1939

OCT 10 1939
CANCELLED

2085 978

Widener Library



3 2044 105 557 367